

### Description

The laboratory at Century Hospital, 2070 Test Park, Los Angeles, CA 90067 received a blood specimen from Dr. Radon's office on patient Willow A. Jones for a complete blood count (CBC) test. The patient was identified in the system as a 14 year old white female. The blood specimen was analyzed and the final result revealed critically high WBC of 32,000/uL. Dr. Radon was notified of the critical result by phone and the laboratory included the following comment in the report , "Critically high WBC reported to Dr. Radon by phone the day of the report." The final test result report was generated by the LIS and transmitted to the patient's record in the ambulatory EHR used in Dr. Radon's office.

The following morning, Dr. Radon upon review of results noticed several anomalies with the results and notified the lab. The lab traced the issue back to mislabeled specimens and reissued the report as corrected, indicating that the results were reported on the wrong patient. The laboratory included a comment, stating, "All results previously reported for this patient were reported in error; they do not apply to this patient."

### Comments

This test case is evaluating the proper use of OBR-22 to establish chronological order of reports and correct use of the status codes in OBR-25 and OBX-11 and the proper handling of OBX-5 values when indicating the prior results were reported for the wrong patient.

### PreCondition

Patient information is pre-loaded in the EHR-S.  
and Test case LRI\_2.1\_1.1-NG message has been received and incorporated.

### PostCondition

The test message information received by the EHR-S has been incorporated with the patient's record.

### TestObjectives

- Demonstrate the capability of the EHR-S to update the patient record when corrected results indicate the prior results were for the wrong patient.

### Notes to Testers

Run LRI\_2.1\_1.1-GU prior to this test case. This test case requires display verification only.  
Concentrate on the following areas:  
Result Report Status (OBR-25) changed from F to C  
An additional comment (NTE after OBR) is displayed under the Order  
All result values (OBX-5) are "", without interpretation (OBX-8) and Result Status (OBX-11) has changed from F to W

## Test Case Information

## LRI\_2.1\_2.1-NG - Typically Populated CBC message - wrong patient

Test Case ID

LRI\_2.1\_2.1-NG

## MSH

| Location    | Data Element                    | Data                   | Categorization    |
|-------------|---------------------------------|------------------------|-------------------|
| MSH.1       | Field Separator                 |                        | IG Fixed Data     |
| MSH.2       | Encoding Characters             | ~\&                    | IG Fixed Data     |
| MSH.3       | Sending Application             |                        |                   |
| MSH.3.1     | Namespace ID                    | NIST Test Lab APP      | Configurable Data |
| MSH.4       | Sending Facility                |                        |                   |
| MSH.4.1     | Namespace ID                    | NIST Lab Facility      | Configurable Data |
| MSH.6       | Receiving Facility              |                        |                   |
| MSH.6.1     | Namespace ID                    | NIST EHR Facility      | Configurable Data |
| MSH.7       | Date/Time Of Message            |                        |                   |
| MSH.7.1     | Time                            | 20150926140551         | System Generated  |
| MSH.9       | Message Type                    |                        |                   |
| MSH.9.1     | Message Code                    | ORU                    | IG Fixed Data     |
| MSH.9.2     | Event Type                      | R01                    | IG Fixed Data     |
| MSH.9.3     | Message Structure               | ORU_R01                | IG Fixed Data     |
| MSH.10      | Message Control ID              | LRI_2.1_2.1-NG         | System Generated  |
| MSH.11      | Processing ID                   |                        |                   |
| MSH.11.1    | Processing ID                   | D                      | Changeable Data   |
| MSH.12      | VersionID                       |                        |                   |
| MSH.12.1    | Version ID                      | 2.5.1                  | IG Fixed Data     |
| MSH.15      | Accept Acknowledgment Type      | AL                     | IG Fixed Data     |
| MSH.16      | Application Acknowledgment Type | AL                     | IG Fixed Data     |
| MSH.21      | Message Profile Identifier      |                        |                   |
| MSH.21.1    | Entity Identifier               | LRI_Common_Component   | IG Fixed Data     |
| MSH.21.3    | Universal ID                    | 2.16.840.1.113883.9.16 | IG Fixed Data     |
| MSH.21.4    | Universal ID Type               | ISO                    | IG Fixed Data     |
| MSH.21[2]   | Message Profile Identifier      |                        |                   |
| MSH.21[2].1 | Entity Identifier               | LRI_NG_Component       | IG Fixed Data     |
| MSH.21[2].3 | Universal ID                    | 2.16.840.1.113883.9.13 | IG Fixed Data     |
| MSH.21[2].4 | Universal ID Type               | ISO                    | IG Fixed Data     |
| MSH.21[3]   | Message Profile Identifier      |                        |                   |
| MSH.21[3].1 | Entity Identifier               | LRI_FRU_Component      | IG Fixed Data     |
| MSH.21[3].3 | Universal ID                    | 2.16.840.1.113883.9.83 | IG Fixed Data     |
| MSH.21[3].4 | Universal ID Type               | ISO                    | IG Fixed Data     |

## PID

| Location  | Data Element                                       | Data      | Categorization    |
|-----------|--|-----------|-------------------|
| PID.1     | Set ID - PID                                       | 1         | IG Fixed Data     |
| PID.3     | Patient Identifier List                            |           |                   |
| PID.3.1   | ID Number  | PATID1240 | Configurable Data |
| PID.3.4   | Assigning Authority                                |           |                   |
| PID.3.4.1 | Namespace ID                                       | NIST MPI  | Changeable Data   |
| PID.3.5   | Identifier Type Code                               | MR        | Configurable Data |
| PID.5     | Patient Name                                       |           |                   |
| PID.5.1   | Family Name  |           |                   |
| PID.5.1.1 | Surname  | Jones     | Changeable Data   |
| PID.5.2   | Given Name   | Willow    | Changeable Data   |
| PID.5.3   | Second and Further Given Names or Initials Thereof | A         | Changeable Data   |
| PID.5.7   | Name Type Code                                     | L         | Changeable Data   |

| <b>PID.7</b>  | <b>Location</b>               | <b>Date/Time of Birth</b> | <b>Data Element</b> | <b>Data</b> | <b>Categorization</b> |
|---------------|-------------------------------|---------------------------|---------------------|-------------|-----------------------|
| PID.7.1       |                               | Time                      |                     | 20011227    | Changeable Data       |
| <b>PID.8</b>  | <b>Administrative Sex</b>     |                           |                     | F           | Changeable Data       |
| <b>PID.10</b> | <b>Race</b>                   |                           |                     |             |                       |
| PID.10.1      |                               | Identifier                |                     | 2106-3      | Changeable Data       |
| PID.10.2      |                               | Text                      |                     | White       | Changeable Data       |
| PID.10.3      |                               | Name of the Coding System |                     | HL70005     | Changeable Data       |
| <b>PID.18</b> | <b>Patient Account Number</b> |                           |                     |             |                       |
| PID.18.1      |                               | ID Number                 |                     | PATID1240   | Configurable Data     |
| PID.18.4      |                               | Assigning Authority       |                     |             |                       |
| PID.18.4.1    |                               | Namespace ID              |                     | NIST MPI    | Changeable Data       |
| PID.18.5      |                               | Identifier Type Code      |                     | AN          | Configurable Data     |

#### ORC

| Location   | Data Element                                       | Data            | Categorization       |
|------------|--|-----------------|----------------------|
| ORC.1      | Order Control                                      | RE              | Test Case Fixed Data |
| ORC.2      | Placer Order Number                                |                 |                      |
| ORC.2.1    | Entity Identifier                                  | ORD666666       | Changeable Data      |
| ORC.2.2    | Namespace ID                                       | NIST EHR        | Changeable Data      |
| ORC.3      | Filler Order Number                                |                 |                      |
| ORC.3.1    | Entity Identifier                                  | R-991133        | Changeable Data      |
| ORC.3.2    | Namespace ID                                       | NIST Lab Filler | Changeable Data      |
| ORC.4      | Placer Group Number                                |                 |                      |
| ORC.4.1    | Entity Identifier                                  | GORD874233      | Changeable Data      |
| ORC.4.2    | Namespace ID                                       | NIST EHR        | Changeable Data      |
| ORC.12     | Ordering Provider                                  |                 |                      |
| ORC.12.1   | ID Number  | 5742200012      | Changeable Data      |
| ORC.12.2   | Family Name  |                 |                      |
| ORC.12.2.1 | Surname  | Radon           | Changeable Data      |
| ORC.12.3   | Given Name   | Nicholas        | Changeable Data      |
| ORC.12.4   | Second and Further Given Names or Initials Thereof | M               | Changeable Data      |
| ORC.12.6   | Prefix (e.g., DR)                                  | DR              | Changeable Data      |
| ORC.12.9   | Assigning Authority                                |                 |                      |
| ORC.12.9.1 | Namespace ID                                       | NPI             | Changeable Data      |
| ORC.12.10  | Name Type Code                                     | L               | Changeable Data      |
| ORC.12.13  | Identifier Type Code                               | NPI             | Changeable Data      |

#### OBR

| Location | Data Element                    | Data                                   | Categorization       |
|----------|---------------------------------|--|----------------------|
| OBR.1    | Set ID - OBR                    | 1                                      | IG Fixed Data        |
| OBR.2    | Placer Order Number             |  |                      |
| OBR.2.1  | Entity Identifier               | ORD666666                              | Changeable Data      |
| OBR.2.2  | Namespace ID                    | NIST EHR                               | Changeable Data      |
| OBR.3    | Filler Order Number             |  |                      |
| OBR.3.1  | Entity Identifier               | R-991133                               | Changeable Data      |
| OBR.3.2  | Namespace ID                    | NIST Lab Filler                        | Changeable Data      |
| OBR.4    | Universal Service Identifier    |  |                      |
| OBR.4.1  | Identifier                      | 57021-8                                | Test Case Fixed Data |
| OBR.4.2  | Text                            | CBC W Auto Differential panel in Blood | Test Case Fixed Data |
| OBR.4.3  | Name of Coding System           | LN                                     | Test Case Fixed Data |
| OBR.4.4  | Alternate Identifier            | 200                                    | Changeable Data      |
| OBR.4.5  | Alternate Text                  | CBC_diff                               | Changeable Data      |
| OBR.4.6  | Name of Alternate Coding System | 99USL                                  | Changeable Data      |
| OBR.4.7  | Coding System Version           | 2.52                                   | Changeable Data      |
| OBR.4.9  | Original Text                   | Complete Blood Count                   | Changeable Data      |
| OBR.7    | Observation Date/Time           |  |                      |

| <b>OBR.7.1 Location</b> | <b>Data Element</b>                                | <b>201509251400 Data</b> | <b>Changeable Data Categorization</b> |
|-------------------------|--|--------------------------|---------------------------------------|
| <b>OBR.16</b>           | <b>Ordering Provider</b>                           |                          |                                       |
| OBR.16.1                | ID Number  | 5742200012               | Changeable Data                       |
| OBR.16.2                | Family Name  |                          |                                       |
| OBR.16.2.1              | Surname  | Radon                    | Changeable Data                       |
| OBR.16.3                | Given Name   | Nicholas                 | Changeable Data                       |
| OBR.16.4                | Second and Further Given Names or Initials Thereof | M                        | Changeable Data                       |
| OBR.16.6                | Prefix (e.g., DR)                                  | DR                       | Changeable Data                       |
| OBR.16.9                | Assigning Authority                                |                          |                                       |
| OBR.16.9.1              | Namespace ID                                       | NPI                      | Changeable Data                       |
| OBR.16.10               | Name Type Code                                     | L                        | Changeable Data                       |
| OBR.16.13               | Identifier Type Code                               | NPI                      | Changeable Data                       |
| <b>OBR.22</b>           | <b>Results Rpt/Status Chng - Date/Time</b>         |                          |                                       |
| OBR.22.1                | Time   | 20150926143000-0800      | Changeable Data                       |
| <b>OBR.25</b>           | <b>Result Status</b>                               | C                        | Test Case Fixed Data                  |

NTE

| <b>Location</b> | <b>Data Element</b> | <b>Data</b>   | <b>Categorization</b> |
|-----------------|---------------------|---|-----------------------|
| <b>NTE.1</b>    | <b>Set ID - NTE</b> | 1   | IG Fixed Data         |
| <b>NTE.3</b>    | <b>Comment</b>      | All results previously reported for this patient were reported in error; they do not apply to this patient. | Changeable Data       |

OBX

| <b>Location</b> | <b>Data Element</b>                    | <b>Data</b>                       | <b>Categorization</b> |
|-----------------|--|-----------------------------------|-----------------------|
| <b>OBX.1</b>    | <b>Set ID - OBX</b>                    | 1                                 | IG Fixed Data         |
| <b>OBX.2</b>    | <b>Value Type</b>                      | NM                                | Test Case Fixed Data  |
| <b>OBX.3</b>    | <b>Observation Identifier</b>          |                                   |                       |
| OBX.3.1         | Identifier                             | 26453-1                           | Test Case Fixed Data  |
| OBX.3.2         | Text                                   | Erythrocytes [# /volume] in Blood | Test Case Fixed Data  |
| OBX.3.3         | Name of the Coding System              | LN                                | Test Case Fixed Data  |
| OBX.3.7         | Coding System Version                  | 2.52                              | Changeable Data       |
| OBX.3.9         | Original Text                          | Erythrocytes [# /volume] in Blood | Test Case Fixed Data  |
| <b>OBX.4</b>    | <b>Observation Sub-ID</b>              |                                   |                       |
| OBX.4.2         | Group                                  | 1                                 | Test Case Fixed Data  |
| OBX.4.3         | Sequence                               | 1                                 | Test Case Fixed Data  |
| <b>OBX.5</b>    | <b>Observation Value</b>               | ""                                | Test Case Fixed Data  |
| <b>OBX.6</b>    | <b>Units</b>                           |                                   |                       |
| OBX.6.1         | Identifier                             | 10*6/uL                           | Changeable Data       |
| OBX.6.2         | Text                                   | million per microliter            | Changeable Data       |
| OBX.6.3         | Name of the Coding System              | UCUM                              | Changeable Data       |
| OBX.6.7         | Coding System Version                  | 1.9                               | Changeable Data       |
| <b>OBX.7</b>    | <b>Reference Range</b>                 | 4.3 to 6.2                        | Changeable Data       |
| <b>OBX.11</b>   | <b>Observation Result Status</b>       | W                                 | Test Case Fixed Data  |
| <b>OBX.14</b>   | <b>Date/Time of the Observation</b>    |                                   |                       |
| OBX.14.1        | Time                                   | 201509251400                      | Changeable Data       |
| <b>OBX.19</b>   | <b>Date/Time of the Analysis</b>       |                                   |                       |
| OBX.19.1        | Time                                   | 201509261930                      | Changeable Data       |
| <b>OBX.23</b>   | <b>Performing Organization Name</b>    |                                   |                       |
| OBX.23.1        | Organization Name                      | Century Hospital                  | Changeable Data       |
| OBX.23.6        | Assigning Authority                    |                                   |                       |
| OBX.23.6.1      | Namespace ID                           | CLIA                              | Changeable Data       |
| OBX.23.7        | Identifier Type Code                   | XX                                | Changeable Data       |
| OBX.23.10       | Organization Identifier                | 24D9871327                        | Changeable Data       |
| <b>OBX.24</b>   | <b>Performing Organization Address</b> |                                   |                       |
| OBX.24.1        | Street Address                         |                                   |                       |
| OBX.24.1.1      | Street or Mailing Address              | 2070 Test Park                    | Changeable Data       |

| OBX.24.4   | Location | City                                     | Data Element | Los Angeles | Data | Changeable Data      | Categorization |
|------------|----------|--|--------------|-------------|------|----------------------|----------------|
| OBX.24.4   |          | State or Province                        |              | CA          |      | Changeable Data      |                |
| OBX.24.5   |          | Zip or Postal Code                       |              | 90067       |      | Changeable Data      |                |
| OBX.24.7   |          | Address Type                             |              | B           |      | Changeable Data      |                |
| OBX.25     |          | Performing Organization Medical Director |              |             |      |                      |                |
| OBX.25.1   |          | ID Number                                |              | 5432178916  |      | Changeable Data      |                |
| OBX.25.2   |          | Family Name                              |              |             |      |                      |                |
| OBX.25.2.1 |          | Surname                                  |              | Knowsalot   |      | Changeable Data      |                |
| OBX.25.3   |          | Given Name                               |              | Phil        |      | Changeable Data      |                |
| OBX.25.6   |          | Prefix (e.g., DR)                        |              | Dr.         |      | Changeable Data      |                |
| OBX.25.9   |          | Assigning Authority                      |              |             |      |                      |                |
| OBX.25.9.1 |          | Namespace ID                             |              | NPI         |      | Changeable Data      |                |
| OBX.25.10  |          | Name Type Code                           |              | L           |      | Changeable Data      |                |
| OBX.25.13  |          | Identifier Type Code                     |              | NPI         |      | Changeable Data      |                |
| OBX.29     |          | Observation Type                         |              | RSLT        |      | Test Case Fixed Data |                |

#### OBX

| OBX.1      | Location | Data Element                             | Data                              | Categorization       |
|------------|----------|--|-----------------------------------|----------------------|
| OBX.1      |          | Set ID - OBX                             | 2                                 | IG Fixed Data        |
| OBX.2      |          | Value Type                               | NM                                | Test Case Fixed Data |
| OBX.3      |          | Observation Identifier                   |                                   |                      |
| OBX.3.1    |          | Identifier                               | 718-7                             | Test Case Fixed Data |
| OBX.3.2    |          | Text                                     | Hemoglobin [Mass/volume] in Blood | Test Case Fixed Data |
| OBX.3.3    |          | Name of the Coding System                | LN                                | Test Case Fixed Data |
| OBX.3.7    |          | Coding System Version                    | 2.52                              | Changeable Data      |
| OBX.3.9    |          | Original Text                            | Hemoglobin [Mass/volume] in Blood | Test Case Fixed Data |
| OBX.4      |          | Observation Sub-ID                       |                                   |                      |
| OBX.4.2    |          | Group                                    | 1                                 | Test Case Fixed Data |
| OBX.4.3    |          | Sequence                                 | 1                                 | Test Case Fixed Data |
| OBX.5      |          | Observation Value                        | ""                                | Test Case Fixed Data |
| OBX.6      |          | Units                                    |                                   |                      |
| OBX.6.1    |          | Identifier                               | g/mL                              | Changeable Data      |
| OBX.6.2    |          | Text                                     | grams per milliliter              | Changeable Data      |
| OBX.6.3    |          | Name of the Coding System                | UCUM                              | Changeable Data      |
| OBX.6.7    |          | Coding System Version                    | 1.9                               | Changeable Data      |
| OBX.7      |          | Reference Range                          | 13 to 18                          | Changeable Data      |
| OBX.11     |          | Observation Result Status                | W                                 | Test Case Fixed Data |
| OBX.14     |          | Date/Time of the Observation             |                                   |                      |
| OBX.14.1   |          | Time                                     | 201509251400                      | Changeable Data      |
| OBX.19     |          | Date/Time of the Analysis                |                                   |                      |
| OBX.19.1   |          | Time                                     | 201509251930                      | Changeable Data      |
| OBX.23     |          | Performing Organization Name             |                                   |                      |
| OBX.23.1   |          | Organization Name                        | Century Hospital                  | Changeable Data      |
| OBX.23.6   |          | Assigning Authority                      |                                   |                      |
| OBX.23.6.1 |          | Namespace ID                             | CLIA                              | Changeable Data      |
| OBX.23.7   |          | Identifier Type Code                     | XX                                | Changeable Data      |
| OBX.23.10  |          | Organization Identifier                  | 24D9871327                        | Changeable Data      |
| OBX.24     |          | Performing Organization Address          |                                   |                      |
| OBX.24.1   |          | Street Address                           |                                   |                      |
| OBX.24.1.1 |          | Street or Mailing Address                | 2070 Test Park                    | Changeable Data      |
| OBX.24.3   |          | City                                     | Los Angeles                       | Changeable Data      |
| OBX.24.4   |          | State or Province                        | CA                                | Changeable Data      |
| OBX.24.5   |          | Zip or Postal Code                       | 90067                             | Changeable Data      |
| OBX.24.7   |          | Address Type                             | B                                 | Changeable Data      |
| OBX.25     |          | Performing Organization Medical Director |                                   |                      |

| OBX.25.1<br>Location | ID Number<br>Data Element | 5432178916<br>Data | Changeable Data<br>Categorization |
|----------------------|---------------------------|--------------------|-----------------------------------|
| OBX.25.2             | Family Name               |                    |                                   |
| OBX.25.2.1           | Surname                   | Knowsalot          | Changeable Data                   |
| OBX.25.3             | Given Name                | Phil               | Changeable Data                   |
| OBX.25.6             | Prefix (e.g., DR)         | Dr.                | Changeable Data                   |
| OBX.25.9             | Assigning Authority       |                    |                                   |
| OBX.25.9.1           | Namespace ID              | NPI                | Changeable Data                   |
| OBX.25.10            | Name Type Code            | L                  | Changeable Data                   |
| OBX.25.13            | Identifier Type Code      | NPI                | Changeable Data                   |
| <b>OBX.29</b>        | <b>Observation Type</b>   | RSLT               | Test Case Fixed Data              |

## OBX

| Location      | Data Element                                    | Data                                  | Categorization       |
|---------------|---|---------------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                             | 3                                     | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                               | NM                                    | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                   |                                       |                      |
| OBX.3.1       | Identifier                                      | 20570-8                               | Test Case Fixed Data |
| OBX.3.2       | Text  | Hematocrit [Volume Fraction] of Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                       | LN                                    | Test Case Fixed Data |
| OBX.3.7       | Coding System Version                           | 2.52                                  | Changeable Data      |
| OBX.3.9       | Original Text                                   | Hematocrit [Volume Fraction] of Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |                                       |                      |
| OBX.4.2       | Group   | 1                                     | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1                                     | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""                                    | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |                                       |                      |
| OBX.6.1       | Identifier                                      | %                                     | Changeable Data      |
| OBX.6.2       | Text  | percent                               | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM                                  | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9                                   | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 40 to 52                              | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                                     | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                                       |                      |
| OBX.14.1      | Time  | 201509251400                          | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                                       |                      |
| OBX.19.1      | Time  | 201509251930                          | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                                       |                      |
| OBX.23.1      | Organization Name                               | Century Hospital                      | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                                       |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA                                  | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX                                    | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327                            | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                                       |                      |
| OBX.24.1      | Street Address                                  |                                       |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park                        | Changeable Data      |
| OBX.24.3      | City  | Los Angeles                           | Changeable Data      |
| OBX.24.4      | State or Province                               | CA                                    | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067                                 | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                                     | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                                       |                      |
| OBX.25.1      | ID Number                                       | 5432178916                            | Changeable Data      |
| OBX.25.2      | Family Name                                     |                                       |                      |
| OBX.25.2.1    | Surname   | Knowsalot                             | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil                                  | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.                                   | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                                       |                      |

| OBX.25.9.1<br>Location | Namespace ID<br>Data Element | NPI<br>Data | Changeable Data<br>Categorization |
|------------------------|------------------------------|-------------|-----------------------------------|
| OBX.25.10              | Name Type Code               | L           | Changeable Data                   |
| OBX.25.13              | Identifier Type Code         | NPI         | Changeable Data                   |
| <b>OBX.29</b>          | <b>Observation Type</b>      | RSLT        | Test Case Fixed Data              |

## OBX

| Location      | Data Element                                    | Data                           | Categorization       |
|---------------|---|--------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                             | 4                              | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                               | NM                             | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                   |                                |                      |
| OBX.3.1       | Identifier                                      | 26464-8                        | Test Case Fixed Data |
| OBX.3.2       | Text  | Leukocytes [#/volume] in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                       | LN                             | Test Case Fixed Data |
| OBX.3.7       | Coding System Version                           | 2.52                           | Changeable Data      |
| OBX.3.9       | Original Text                                   | Leukocytes [#/volume] in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |                                |                      |
| OBX.4.2       | Group   | 1                              | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1                              | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""                             | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |                                |                      |
| OBX.6.1       | Identifier                                      | {cells}/uL                     | Changeable Data      |
| OBX.6.2       | Text  | cells per microliter           | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM                           | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9                            | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 4300 to 10800                  | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                              | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                                |                      |
| OBX.14.1      | Time  | 201509251400                   | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                                |                      |
| OBX.19.1      | Time  | 201509251930                   | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                                |                      |
| OBX.23.1      | Organization Name                               | Century Hospital               | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                                |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA                           | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX                             | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327                     | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                                |                      |
| OBX.24.1      | Street Address                                  |                                |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park                 | Changeable Data      |
| OBX.24.3      | City  | Los Angeles                    | Changeable Data      |
| OBX.24.4      | State or Province                               | CA                             | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067                          | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                              | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                                |                      |
| OBX.25.1      | ID Number                                       | 5432178916                     | Changeable Data      |
| OBX.25.2      | Family Name                                     |                                |                      |
| OBX.25.2.1    | Surname   | Knowsalot                      | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil                           | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.                            | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                                |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI                            | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L                              | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI                            | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT                           | Test Case Fixed Data |



## OBX

| Location      | Data Element                                    | Data                          | Categorization       |
|---------------|---|-------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                             | 5                             | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                               | NM                            | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                   |                               |                      |
| OBX.3.1       | Identifier                                      | 26515-7                       | Test Case Fixed Data |
| OBX.3.2       | Text  | Platelets [#/volume] in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                       | LN                            | Test Case Fixed Data |
| OBX.3.7       | Coding System Version                           | 2.52                          | Changeable Data      |
| OBX.3.9       | Original Text                                   | Platelets [#/volume] in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |                               |                      |
| OBX.4.2       | Group   | 1                             | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1                             | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""                            | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |                               |                      |
| OBX.6.1       | Identifier                                      | {cells}/uL                    | Changeable Data      |
| OBX.6.2       | Text  | cells per microliter          | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM                          | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9                           | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 150000 to 350000              | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                             | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                               |                      |
| OBX.14.1      | Time  | 201509251400                  | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                               |                      |
| OBX.19.1      | Time  | 201509251930                  | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                               |                      |
| OBX.23.1      | Organization Name                               | Century Hospital              | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                               |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA                          | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX                            | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327                    | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                               |                      |
| OBX.24.1      | Street Address                                  |                               |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park                | Changeable Data      |
| OBX.24.3      | City  | Los Angeles                   | Changeable Data      |
| OBX.24.4      | State or Province                               | CA                            | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067                         | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                             | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                               |                      |
| OBX.25.1      | ID Number                                       | 5432178916                    | Changeable Data      |
| OBX.25.2      | Family Name                                     |                               |                      |
| OBX.25.2.1    | Surname   | Knowsalot                     | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil                          | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.                           | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                               |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI                           | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L                             | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI                           | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT                          | Test Case Fixed Data |

## OBX

| Location     | Data Element                  | Data | Categorization       |
|--------------|-------------------------------|------|----------------------|
| <b>OBX.1</b> | <b>Set ID - OBX</b>           | 6    | IG Fixed Data        |
| <b>OBX.2</b> | <b>Value Type</b>             | NM   | Test Case Fixed Data |
| <b>OBX.3</b> | <b>Observation Identifier</b> |      |                      |



| OBX.3.1<br>Location | Identifier                                      | Data Element | 30428-7<br>Data   | Test Case Fixed Data<br>Categorization |
|---------------------|---|--------------|---|--|
| OBX.3.2             | Text  |              | Erythrocyte mean corpuscular volume<br>[Entitic volume] | Test Case Fixed Data                   |
| OBX.3.3             | Name of the Coding System                       |              | LN  | Test Case Fixed Data                   |
| OBX.3.7             | Coding System Version                           |              | 2.52  | Changeable Data                        |
| OBX.3.9             | Original Text                                   |              | Erythrocyte mean corpuscular volume<br>[Entitic volume] | Test Case Fixed Data                   |
| <b>OBX.4</b>        | <b>Observation Sub-ID</b>                       |              |   |  |
| OBX.4.2             | Group   |              | 1   | Test Case Fixed Data                   |
| OBX.4.3             | Sequence  |              | 1   | Test Case Fixed Data                   |
| <b>OBX.5</b>        | <b>Observation Value</b>                        |              | ""  | Test Case Fixed Data                   |
| <b>OBX.6</b>        | <b>Units</b>                                    |              |   |  |
| OBX.6.1             | Identifier                                      |              | fL  | Changeable Data                        |
| OBX.6.2             | Text  |              | femtoliter  | Changeable Data                        |
| OBX.6.3             | Name of the Coding System                       |              | UCUM  | Changeable Data                        |
| OBX.6.7             | Coding System Version                           |              | 1.9   | Changeable Data                        |
| <b>OBX.7</b>        | <b>Reference Range</b>                          |              | 80 to 95  | Changeable Data                        |
| <b>OBX.11</b>       | <b>Observation Result Status</b>                |              | W   | Test Case Fixed Data                   |
| <b>OBX.14</b>       | <b>Date/Time of the Observation</b>             |              |   |  |
| OBX.14.1            | Time  |              | 201509251400  | Changeable Data                        |
| <b>OBX.19</b>       | <b>Date/Time of the Analysis</b>                |              |   |  |
| OBX.19.1            | Time  |              | 201509251930  | Changeable Data                        |
| <b>OBX.23</b>       | <b>Performing Organization Name</b>             |              |   |  |
| OBX.23.1            | Organization Name                               |              | Century Hospital  | Changeable Data                        |
| OBX.23.6            | Assigning Authority                             |              |   |  |
| OBX.23.6.1          | Namespace ID                                    |              | CLIA  | Changeable Data                        |
| OBX.23.7            | Identifier Type Code                            |              | XX  | Changeable Data                        |
| OBX.23.10           | Organization Identifier                         |              | 24D9871327  | Changeable Data                        |
| <b>OBX.24</b>       | <b>Performing Organization Address</b>          |              |   |  |
| OBX.24.1            | Street Address                                  |              |   |  |
| OBX.24.1.1          | Street or Mailing Address                       |              | 2070 Test Park  | Changeable Data                        |
| OBX.24.3            | City  |              | Los Angeles   | Changeable Data                        |
| OBX.24.4            | State or Province                               |              | CA  | Changeable Data                        |
| OBX.24.5            | Zip or Postal Code                              |              | 90067   | Changeable Data                        |
| OBX.24.7            | Address Type                                    |              | B   | Changeable Data                        |
| <b>OBX.25</b>       | <b>Performing Organization Medical Director</b> |              |   |  |
| OBX.25.1            | ID Number                                       |              | 5432178916  | Changeable Data                        |
| OBX.25.2            | Family Name                                     |              |   |  |
| OBX.25.2.1          | Surname   |              | Knowsalot   | Changeable Data                        |
| OBX.25.3            | Given Name                                      |              | Phil  | Changeable Data                        |
| OBX.25.6            | Prefix (e.g., DR)                               |              | Dr.   | Changeable Data                        |
| OBX.25.9            | Assigning Authority                             |              |   |  |
| OBX.25.9.1          | Namespace ID                                    |              | NPI   | Changeable Data                        |
| OBX.25.10           | Name Type Code                                  |              | L   | Changeable Data                        |
| OBX.25.13           | Identifier Type Code                            |              | NPI   | Changeable Data                        |
| <b>OBX.29</b>       | <b>Observation Type</b>                         |              | RSLT  | Test Case Fixed Data                   |

#### OBX

| Location | Data Element              | Data  | Categorization       |
|----------|---------------------------|---|----------------------|
| OBX.1    | Set ID - OBX              | 7   | IG Fixed Data        |
| OBX.2    | Value Type                | NM  | Test Case Fixed Data |
| OBX.3    | Observation Identifier    |   |                      |
| OBX.3.1  | Identifier                | 28539-5   | Test Case Fixed Data |
| OBX.3.2  | Text                      | Erythrocyte mean corpuscular hemoglobin<br>[Entitic mass] | Test Case Fixed Data |
| OBX.3.3  | Name of the Coding System | LN  | Test Case Fixed Data |
| OBX.3.7  | Coding System Version     | 2.52  | Changeable Data      |

| Location      | Data Element                                    | Data   | Categorization       |
|---------------|---|--|----------------------|
| OBX.3.9       | Original Text                                   | Erythrocyte mean corpuscular hemoglobin concentration [Entitic mass] | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |  |                      |
| OBX.4.2       | Group   | 1  | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1  | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""   | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |  |                      |
| OBX.6.1       | Identifier                                      | pg/{cell}  | Changeable Data      |
| OBX.6.2       | Text  | picograms per cell   | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM   | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9  | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 27 to 31   | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W  | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |  |                      |
| OBX.14.1      | Time  | 201509251400   | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |  |                      |
| OBX.19.1      | Time  | 201509251930   | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |  |                      |
| OBX.23.1      | Organization Name                               | Century Hospital   | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |  |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA   | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX   | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327   | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |  |                      |
| OBX.24.1      | Street Address                                  |  |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City  | Los Angeles  | Changeable Data      |
| OBX.24.4      | State or Province                               | CA   | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067  | Changeable Data      |
| OBX.24.7      | Address Type                                    | B  | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |  |                      |
| OBX.25.1      | ID Number                                       | 5432178916   | Changeable Data      |
| OBX.25.2      | Family Name                                     |  |                      |
| OBX.25.2.1    | Surname   | Knowsalot  | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil   | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.  | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |  |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI  | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L  | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI  | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT   | Test Case Fixed Data |

#### OBX

| Location     | Data Element                  | Data  | Categorization       |
|--------------|-------------------------------|---|----------------------|
| <b>OBX.1</b> | <b>Set ID - OBX</b>           | 8   | IG Fixed Data        |
| <b>OBX.2</b> | <b>Value Type</b>             | NM  | Test Case Fixed Data |
| <b>OBX.3</b> | <b>Observation Identifier</b> |   |                      |
| OBX.3.1      | Identifier                    | 28540-3   | Test Case Fixed Data |
| OBX.3.2      | Text                          | Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] | Test Case Fixed Data |
| OBX.3.3      | Name of the Coding System     | LN  | Test Case Fixed Data |
| OBX.3.7      | Coding System Version         | 2.52  | Changeable Data      |
| OBX.3.9      | Original Text                 | Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] | Test Case Fixed Data |
| <b>OBX.4</b> | <b>Observation Sub-ID</b>     |   |                      |
| OBX.4.2      | Group                         | 1   | Test Case Fixed Data |
| OBX.4.3      | Sequence                      | 1   | Test Case Fixed Data |

| OBX Location  | Observation Data Element                        | Data                | Test Case Categorization |
|---------------|---|---------------------|--------------------------|
| <b>OBX.6</b>  | <b>Units</b>                                    |                     |                          |
| OBX.6.1       | Identifier                                      | g/dL                | Changeable Data          |
| OBX.6.2       | Text  | grams per deciliter | Changeable Data          |
| OBX.6.3       | Name of the Coding System                       | UCUM                | Changeable Data          |
| OBX.6.7       | Coding System Version                           | 1.9                 | Changeable Data          |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 32 to 36            | Changeable Data          |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                   | Test Case Fixed Data     |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                     |                          |
| OBX.14.1      | Time  | 201509251400        | Changeable Data          |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                     |                          |
| OBX.19.1      | Time  | 201509251930        | Changeable Data          |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                     |                          |
| OBX.23.1      | Organization Name                               | Century Hospital    | Changeable Data          |
| OBX.23.6      | Assigning Authority                             |                     |                          |
| OBX.23.6.1    | Namespace ID                                    | CLIA                | Changeable Data          |
| OBX.23.7      | Identifier Type Code                            | XX                  | Changeable Data          |
| OBX.23.10     | Organization Identifier                         | 24D9871327          | Changeable Data          |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                     |                          |
| OBX.24.1      | Street Address                                  |                     |                          |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park      | Changeable Data          |
| OBX.24.3      | City  | Los Angeles         | Changeable Data          |
| OBX.24.4      | State or Province                               | CA                  | Changeable Data          |
| OBX.24.5      | Zip or Postal Code                              | 90067               | Changeable Data          |
| OBX.24.7      | Address Type                                    | B                   | Changeable Data          |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                     |                          |
| OBX.25.1      | ID Number                                       | 5432178916          | Changeable Data          |
| OBX.25.2      | Family Name                                     |                     |                          |
| OBX.25.2.1    | Surname   | Knowsalot           | Changeable Data          |
| OBX.25.3      | Given Name                                      | Phil                | Changeable Data          |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.                 | Changeable Data          |
| OBX.25.9      | Assigning Authority                             |                     |                          |
| OBX.25.9.1    | Namespace ID                                    | NPI                 | Changeable Data          |
| OBX.25.10     | Name Type Code                                  | L                   | Changeable Data          |
| OBX.25.13     | Identifier Type Code                            | NPI                 | Changeable Data          |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT                | Test Case Fixed Data     |

#### OBX

| Location     | Data Element                  | Data                                   | Categorization       |
|--------------|-------------------------------|--|----------------------|
| <b>OBX.1</b> | <b>Set ID - OBX</b>           | 9                                      | IG Fixed Data        |
| <b>OBX.2</b> | <b>Value Type</b>             | NM                                     | Test Case Fixed Data |
| <b>OBX.3</b> | <b>Observation Identifier</b> |  |                      |
| OBX.3.1      | Identifier                    | 30385-9                                | Test Case Fixed Data |
| OBX.3.2      | Text                          | Erythrocyte distribution width [Ratio] | Test Case Fixed Data |
| OBX.3.3      | Name of the Coding System     | LN                                     | Test Case Fixed Data |
| OBX.3.7      | Coding System Version         | 2.52                                   | Changeable Data      |
| OBX.3.9      | Original Text                 | Erythrocyte distribution width [Ratio] | Test Case Fixed Data |
| <b>OBX.4</b> | <b>Observation Sub-ID</b>     |  |                      |
| OBX.4.2      | Group                         | 1                                      | Test Case Fixed Data |
| OBX.4.3      | Sequence                      | 1                                      | Test Case Fixed Data |
| <b>OBX.5</b> | <b>Observation Value</b>      | ""                                     | Test Case Fixed Data |
| <b>OBX.6</b> | <b>Units</b>                  |  |                      |
| OBX.6.1      | Identifier                    | %                                      | Changeable Data      |
| OBX.6.2      | Text                          | percent                                | Changeable Data      |
| OBX.6.3      | Name of the Coding System     | UCUM                                   | Changeable Data      |
| OBX.6.7      | Coding System Version         | 1.9                                    | Changeable Data      |

| OBX Location | Reference Range                          | Data Element | 10.2 to 14.5     | Data | Changeable Data | Categorization       |
|--------------|--|--------------|------------------|------|-----------------|----------------------|
| OBX.11       | Observation Result Status                |              | W                |      |                 | Test Case Fixed Data |
| OBX.14       | Date/Time of the Observation             |              |                  |      |                 |                      |
| OBX.14.1     | Time                                     |              | 201509251400     |      |                 | Changeable Data      |
| OBX.19       | Date/Time of the Analysis                |              |                  |      |                 |                      |
| OBX.19.1     | Time                                     |              | 201509251930     |      |                 | Changeable Data      |
| OBX.23       | Performing Organization Name             |              |                  |      |                 |                      |
| OBX.23.1     | Organization Name                        |              | Century Hospital |      |                 | Changeable Data      |
| OBX.23.6     | Assigning Authority                      |              |                  |      |                 |                      |
| OBX.23.6.1   | Namespace ID                             |              | CLIA             |      |                 | Changeable Data      |
| OBX.23.7     | Identifier Type Code                     |              | XX               |      |                 | Changeable Data      |
| OBX.23.10    | Organization Identifier                  |              | 24D9871327       |      |                 | Changeable Data      |
| OBX.24       | Performing Organization Address          |              |                  |      |                 |                      |
| OBX.24.1     | Street Address                           |              |                  |      |                 |                      |
| OBX.24.1.1   | Street or Mailing Address                |              | 2070 Test Park   |      |                 | Changeable Data      |
| OBX.24.3     | City                                     |              | Los Angeles      |      |                 | Changeable Data      |
| OBX.24.4     | State or Province                        |              | CA               |      |                 | Changeable Data      |
| OBX.24.5     | Zip or Postal Code                       |              | 90067            |      |                 | Changeable Data      |
| OBX.24.7     | Address Type                             |              | B                |      |                 | Changeable Data      |
| OBX.25       | Performing Organization Medical Director |              |                  |      |                 |                      |
| OBX.25.1     | ID Number                                |              | 5432178916       |      |                 | Changeable Data      |
| OBX.25.2     | Family Name                              |              |                  |      |                 |                      |
| OBX.25.2.1   | Surname                                  |              | Knowsalot        |      |                 | Changeable Data      |
| OBX.25.3     | Given Name                               |              | Phil             |      |                 | Changeable Data      |
| OBX.25.6     | Prefix (e.g., DR)                        |              | Dr.              |      |                 | Changeable Data      |
| OBX.25.9     | Assigning Authority                      |              |                  |      |                 |                      |
| OBX.25.9.1   | Namespace ID                             |              | NPI              |      |                 | Changeable Data      |
| OBX.25.10    | Name Type Code                           |              | L                |      |                 | Changeable Data      |
| OBX.25.13    | Identifier Type Code                     |              | NPI              |      |                 | Changeable Data      |
| OBX.29       | Observation Type                         |              | RSLT             |      |                 | Test Case Fixed Data |

#### OBX

| Location | Data Element                 | Data                           | Categorization       |
|----------|------------------------------|--------------------------------|----------------------|
| OBX.1    | Set ID - OBX                 | 10                             | IG Fixed Data        |
| OBX.2    | Value Type                   | NM                             | Test Case Fixed Data |
| OBX.3    | Observation Identifier       |                                |                      |
| OBX.3.1  | Identifier                   | 26444-0                        | Test Case Fixed Data |
| OBX.3.2  | Text                         | Basophils [# /volume] in Blood | Test Case Fixed Data |
| OBX.3.3  | Name of the Coding System    | LN                             | Test Case Fixed Data |
| OBX.3.7  | Coding System Version        | 2.52                           | Changeable Data      |
| OBX.3.9  | Original Text                | Basophils [# /volume] in Blood | Test Case Fixed Data |
| OBX.4    | Observation Sub-ID           |                                |                      |
| OBX.4.2  | Group                        | 1                              | Test Case Fixed Data |
| OBX.4.3  | Sequence                     | 1                              | Test Case Fixed Data |
| OBX.5    | Observation Value            | ""                             | Test Case Fixed Data |
| OBX.6    | Units                        |                                |                      |
| OBX.6.1  | Identifier                   | 10*3/uL                        | Changeable Data      |
| OBX.6.2  | Text                         | thousand per microliter        | Changeable Data      |
| OBX.6.3  | Name of the Coding System    | UCUM                           | Changeable Data      |
| OBX.6.7  | Coding System Version        | 1.9                            | Changeable Data      |
| OBX.7    | Reference Range              | 0 to 0.3                       | Changeable Data      |
| OBX.11   | Observation Result Status    | W                              | Test Case Fixed Data |
| OBX.14   | Date/Time of the Observation |                                |                      |
| OBX.14.1 | Time                         | 201509251400                   | Changeable Data      |
| OBX.19   | Date/Time of the Analysis    |                                |                      |
| OBX.19.1 | Time                         | 201509251930                   | Changeable Data      |

| Location      | Performing Organization Name                    | Data             | Categorization       |
|---------------|---|------------------|----------------------|
| OBX.23.1      | Organization Name                               | Century Hospital | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                  |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA             | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX               | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327       | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                  |                      |
| OBX.24.1      | Street Address                                  |                  |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City  | Los Angeles      | Changeable Data      |
| OBX.24.4      | State or Province                               | CA               | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067            | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                  |                      |
| OBX.25.1      | ID Number                                       | 5432178916       | Changeable Data      |
| OBX.25.2      | Family Name                                     |                  |                      |
| OBX.25.2.1    | Surname   | Knowsalot        | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil             | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.              | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                  |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI              | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L                | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI              | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT             | Test Case Fixed Data |

#### OBX

| Location      | Data Element                        | Data                              | Categorization       |
|---------------|-------------------------------------|-----------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                 | 11                                | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                   | NM                                | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>       |                                   |                      |
| OBX.3.1       | Identifier                          | 30180-4                           | Test Case Fixed Data |
| OBX.3.2       | Text                                | Basophils/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System           | LN                                | Test Case Fixed Data |
| OBX.3.7       | Coding System Version               | 2.52                              | Changeable Data      |
| OBX.3.9       | Original Text                       | Basophils/100 leukocytes in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>           |                                   |                      |
| OBX.4.2       | Group                               | 1                                 | Test Case Fixed Data |
| OBX.4.3       | Sequence                            | 1                                 | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>            | ""                                | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                        |                                   |                      |
| OBX.6.1       | Identifier                          | %                                 | Changeable Data      |
| OBX.6.2       | Text                                | percent                           | Changeable Data      |
| OBX.6.3       | Name of the Coding System           | UCUM                              | Changeable Data      |
| OBX.6.7       | Coding System Version               | 1.9                               | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>              | 0 to 2                            | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>    | W                                 | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b> |                                   |                      |
| OBX.14.1      | Time                                | 201509251400                      | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>    |                                   |                      |
| OBX.19.1      | Time                                | 201509251930                      | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b> |                                   |                      |
| OBX.23.1      | Organization Name                   | Century Hospital                  | Changeable Data      |
| OBX.23.6      | Assigning Authority                 |                                   |                      |
| OBX.23.6.1    | Namespace ID                        | CLIA                              | Changeable Data      |
| OBX.23.7      | Identifier Type Code                | XX                                | Changeable Data      |
| OBX.23.10     | Organization Identifier             | 24D9871327                        | Changeable Data      |

| OBX.24     | Location | Performing Organization Address          | Data Element | Data           | Categorization       |
|------------|----------|--|--------------|----------------|----------------------|
| OBX.24.1   |          | Street Address                           |              |                |                      |
| OBX.24.1.1 |          | Street or Mailing Address                |              | 2070 Test Park | Changeable Data      |
| OBX.24.3   |          | City                                     |              | Los Angeles    | Changeable Data      |
| OBX.24.4   |          | State or Province                        |              | CA             | Changeable Data      |
| OBX.24.5   |          | Zip or Postal Code                       |              | 90067          | Changeable Data      |
| OBX.24.7   |          | Address Type                             |              | B              | Changeable Data      |
| OBX.25     |          | Performing Organization Medical Director |              |                |                      |
| OBX.25.1   |          | ID Number                                |              | 5432178916     | Changeable Data      |
| OBX.25.2   |          | Family Name                              |              |                |                      |
| OBX.25.2.1 |          | Surname                                  |              | Knowsalot      | Changeable Data      |
| OBX.25.3   |          | Given Name                               |              | Phil           | Changeable Data      |
| OBX.25.6   |          | Prefix (e.g., DR)                        |              | Dr.            | Changeable Data      |
| OBX.25.9   |          | Assigning Authority                      |              |                |                      |
| OBX.25.9.1 |          | Namespace ID                             |              | NPI            | Changeable Data      |
| OBX.25.10  |          | Name Type Code                           |              | L              | Changeable Data      |
| OBX.25.13  |          | Identifier Type Code                     |              | NPI            | Changeable Data      |
| OBX.29     |          | Observation Type                         |              | RSLT           | Test Case Fixed Data |

#### OBX

| Location   | Data Element                    | Data                          | Categorization       |
|------------|---------------------------------|-------------------------------|----------------------|
| OBX.1      | Set ID - OBX                    | 12                            | IG Fixed Data        |
| OBX.2      | Value Type                      | NM                            | Test Case Fixed Data |
| OBX.3      | Observation Identifier          |                               |                      |
| OBX.3.1    | Identifier                      | 26484-6                       | Test Case Fixed Data |
| OBX.3.2    | Text                            | Monocytes [#/volume] in Blood | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System       | LN                            | Test Case Fixed Data |
| OBX.3.7    | Coding System Version           | 2.52                          | Changeable Data      |
| OBX.3.9    | Original Text                   | Monocytes [#/volume] in Blood | Test Case Fixed Data |
| OBX.4      | Observation Sub-ID              |                               |                      |
| OBX.4.2    | Group                           | 1                             | Test Case Fixed Data |
| OBX.4.3    | Sequence                        | 1                             | Test Case Fixed Data |
| OBX.5      | Observation Value               | ""                            | Test Case Fixed Data |
| OBX.6      | Units                           |                               |                      |
| OBX.6.1    | Identifier                      | 10*3/uL                       | Changeable Data      |
| OBX.6.2    | Text                            | thousand per microliter       | Changeable Data      |
| OBX.6.3    | Name of the Coding System       | UCUM                          | Changeable Data      |
| OBX.6.7    | Coding System Version           | 1.9                           | Changeable Data      |
| OBX.7      | Reference Range                 | 0.0 to 13.0                   | Changeable Data      |
| OBX.11     | Observation Result Status       | W                             | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation    |                               |                      |
| OBX.14.1   | Time                            | 201509251400                  | Changeable Data      |
| OBX.19     | Date/Time of the Analysis       |                               |                      |
| OBX.19.1   | Time                            | 201509251930                  | Changeable Data      |
| OBX.23     | Performing Organization Name    |                               |                      |
| OBX.23.1   | Organization Name               | Century Hospital              | Changeable Data      |
| OBX.23.6   | Assigning Authority             |                               |                      |
| OBX.23.6.1 | Namespace ID                    | CLIA                          | Changeable Data      |
| OBX.23.7   | Identifier Type Code            | XX                            | Changeable Data      |
| OBX.23.10  | Organization Identifier         | 24D9871327                    | Changeable Data      |
| OBX.24     | Performing Organization Address |                               |                      |
| OBX.24.1   | Street Address                  |                               |                      |
| OBX.24.1.1 | Street or Mailing Address       | 2070 Test Park                | Changeable Data      |
| OBX.24.3   | City                            | Los Angeles                   | Changeable Data      |
| OBX.24.4   | State or Province               | CA                            | Changeable Data      |
| OBX.24.5   | Zip or Postal Code              | 90067                         | Changeable Data      |



| OBX.24.7<br>Location | Address Type<br>Data Element                    | B<br>Data  | Changeable Data<br>Categorization |
|----------------------|---|------------|-----------------------------------|
| <b>OBX.25</b>        | <b>Performing Organization Medical Director</b> |            |                                   |
| OBX.25.1             | ID Number                                       | 5432178916 | Changeable Data                   |
| OBX.25.2             | Family Name                                     |            |                                   |
| OBX.25.2.1           | Surname   | Knowsalot  | Changeable Data                   |
| OBX.25.3             | Given Name                                      | Phil       | Changeable Data                   |
| OBX.25.6             | Prefix (e.g., DR)                               | Dr.        | Changeable Data                   |
| OBX.25.9             | Assigning Authority                             |            |                                   |
| OBX.25.9.1           | Namespace ID                                    | NPI        | Changeable Data                   |
| OBX.25.10            | Name Type Code                                  | L          | Changeable Data                   |
| OBX.25.13            | Identifier Type Code                            | NPI        | Changeable Data                   |
| <b>OBX.29</b>        | <b>Observation Type</b>                         | RSLT       | Test Case Fixed Data              |

OBX

| Location      | Data Element                                    | Data                              | Categorization       |
|---------------|---|-----------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                             | 13                                | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                               | NM                                | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                   |                                   |                      |
| OBX.3.1       | Identifier                                      | 26485-3                           | Test Case Fixed Data |
| OBX.3.2       | Text  | Monocytes/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                       | LN                                | Test Case Fixed Data |
| OBX.3.7       | Coding System Version                           | 2.52                              | Changeable Data      |
| OBX.3.9       | Original Text                                   | Monocytes/100 leukocytes in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |                                   |                      |
| OBX.4.2       | Group   | 1                                 | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1                                 | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""                                | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |                                   |                      |
| OBX.6.1       | Identifier                                      | %                                 | Changeable Data      |
| OBX.6.2       | Text  | percent                           | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM                              | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9                               | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 0 to 10                           | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                                 | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                                   |                      |
| OBX.14.1      | Time  | 201509251400                      | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                                   |                      |
| OBX.19.1      | Time  | 201509251930                      | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                                   |                      |
| OBX.23.1      | Organization Name                               | Century Hospital                  | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                                   |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA                              | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX                                | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327                        | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                                   |                      |
| OBX.24.1      | Street Address                                  |                                   |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park                    | Changeable Data      |
| OBX.24.3      | City  | Los Angeles                       | Changeable Data      |
| OBX.24.4      | State or Province                               | CA                                | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067                             | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                                 | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                                   |                      |
| OBX.25.1      | ID Number                                       | 5432178916                        | Changeable Data      |
| OBX.25.2      | Family Name                                     |                                   |                      |
| OBX.25.2.1    | Surname   | Knowsalot                         | Changeable Data      |



| OBX.25.2<br>Location | Given Name<br>Data Element | Phil<br>Data | Changeable Data<br>Categorization |
|----------------------|----------------------------|--------------|-----------------------------------|
| OBX.25.6             | Prefix (e.g., DR)          | Dr.          | Changeable Data                   |
| OBX.25.9             | Assigning Authority        |              |                                   |
| OBX.25.9.1           | Namespace ID               | NPI          | Changeable Data                   |
| OBX.25.10            | Name Type Code             | L            | Changeable Data                   |
| OBX.25.13            | Identifier Type Code       | NPI          | Changeable Data                   |
| <b>OBX.29</b>        | <b>Observation Type</b>    | RSLT         | Test Case Fixed Data              |

#### OBX

| Location      | Data Element                                    | Data                             | Categorization       |
|---------------|---|----------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                             | 14                               | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                               | NM                               | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                   |                                  |                      |
| OBX.3.1       | Identifier                                      | 26449-9                          | Test Case Fixed Data |
| OBX.3.2       | Text  | Eosinophils [# /volume] in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                       | LN                               | Test Case Fixed Data |
| OBX.3.7       | Coding System Version                           | 2.52                             | Changeable Data      |
| OBX.3.9       | Original Text                                   | Eosinophils [# /volume] in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                       |                                  |                      |
| OBX.4.2       | Group   | 1                                | Test Case Fixed Data |
| OBX.4.3       | Sequence  | 1                                | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>                        | ""                               | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                    |                                  |                      |
| OBX.6.1       | Identifier                                      | 10*3/uL                          | Changeable Data      |
| OBX.6.2       | Text  | thousand per microliter          | Changeable Data      |
| OBX.6.3       | Name of the Coding System                       | UCUM                             | Changeable Data      |
| OBX.6.7       | Coding System Version                           | 1.9                              | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>                          | 0.0 to 0.45                      | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>                | W                                | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>             |                                  |                      |
| OBX.14.1      | Time  | 201509251400                     | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                                  |                      |
| OBX.19.1      | Time  | 201509251930                     | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                                  |                      |
| OBX.23.1      | Organization Name                               | Century Hospital                 | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                                  |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA                             | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX                               | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327                       | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                                  |                      |
| OBX.24.1      | Street Address                                  |                                  |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park                   | Changeable Data      |
| OBX.24.3      | City  | Los Angeles                      | Changeable Data      |
| OBX.24.4      | State or Province                               | CA                               | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067                            | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                                | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                                  |                      |
| OBX.25.1      | ID Number                                       | 5432178916                       | Changeable Data      |
| OBX.25.2      | Family Name                                     |                                  |                      |
| OBX.25.2.1    | Surname   | Knowsalot                        | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil                             | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.                              | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                                  |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI                              | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L                                | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI                              | Changeable Data      |

| OBX.28 | Location | Observation Identifier | Data Element | RSLT | Data | Test Case Fixed Data | Categorization |
|--------|----------|------------------------|--------------|------|------|----------------------|----------------|
|--------|----------|------------------------|--------------|------|------|----------------------|----------------|

OBX

| Location   | Data Element                             | Data                                | Categorization       |
|------------|--|-------------------------------------|----------------------|
| OBX.1      | Set ID - OBX                             | 15                                  | IG Fixed Data        |
| OBX.2      | Value Type                               | NM                                  | Test Case Fixed Data |
| OBX.3      | Observation Identifier                   |                                     |                      |
| OBX.3.1    | Identifier                               | 26450-7                             | Test Case Fixed Data |
| OBX.3.2    | Text                                     | Eosinophils/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System                | LN                                  | Test Case Fixed Data |
| OBX.3.7    | Coding System Version                    | 2.52                                | Changeable Data      |
| OBX.3.9    | Original Text                            | Eosinophils/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.4      | Observation Sub-ID                       |                                     |                      |
| OBX.4.2    | Group                                    | 1                                   | Test Case Fixed Data |
| OBX.4.3    | Sequence                                 | 1                                   | Test Case Fixed Data |
| OBX.5      | Observation Value                        | ""                                  | Test Case Fixed Data |
| OBX.6      | Units                                    |                                     |                      |
| OBX.6.1    | Identifier                               | %                                   | Changeable Data      |
| OBX.6.2    | Text                                     | percent                             | Changeable Data      |
| OBX.6.3    | Name of the Coding System                | UCUM                                | Changeable Data      |
| OBX.6.7    | Coding System Version                    | 1.9                                 | Changeable Data      |
| OBX.7      | Reference Range                          | 0 to 6                              | Changeable Data      |
| OBX.11     | Observation Result Status                | W                                   | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation             |                                     |                      |
| OBX.14.1   | Time                                     | 201509251400                        | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                |                                     |                      |
| OBX.19.1   | Time                                     | 201509251930                        | Changeable Data      |
| OBX.23     | Performing Organization Name             |                                     |                      |
| OBX.23.1   | Organization Name                        | Century Hospital                    | Changeable Data      |
| OBX.23.6   | Assigning Authority                      |                                     |                      |
| OBX.23.6.1 | Namespace ID                             | CLIA                                | Changeable Data      |
| OBX.23.7   | Identifier Type Code                     | XX                                  | Changeable Data      |
| OBX.23.10  | Organization Identifier                  | 24D9871327                          | Changeable Data      |
| OBX.24     | Performing Organization Address          |                                     |                      |
| OBX.24.1   | Street Address                           |                                     |                      |
| OBX.24.1.1 | Street or Mailing Address                | 2070 Test Park                      | Changeable Data      |
| OBX.24.3   | City                                     | Los Angeles                         | Changeable Data      |
| OBX.24.4   | State or Province                        | CA                                  | Changeable Data      |
| OBX.24.5   | Zip or Postal Code                       | 90067                               | Changeable Data      |
| OBX.24.7   | Address Type                             | B                                   | Changeable Data      |
| OBX.25     | Performing Organization Medical Director |                                     |                      |
| OBX.25.1   | ID Number                                | 5432178916                          | Changeable Data      |
| OBX.25.2   | Family Name                              |                                     |                      |
| OBX.25.2.1 | Surname                                  | Knowsalot                           | Changeable Data      |
| OBX.25.3   | Given Name                               | Phil                                | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                        | Dr.                                 | Changeable Data      |
| OBX.25.9   | Assigning Authority                      |                                     |                      |
| OBX.25.9.1 | Namespace ID                             | NPI                                 | Changeable Data      |
| OBX.25.10  | Name Type Code                           | L                                   | Changeable Data      |
| OBX.25.13  | Identifier Type Code                     | NPI                                 | Changeable Data      |
| OBX.29     | Observation Type                         | RSLT                                | Test Case Fixed Data |

OBX

| Location | Data Element | Data | Categorization       |
|----------|--------------|------|----------------------|
| OBX.1    | Set ID - OBX | 16   | IG Fixed Data        |
| OBX.2    | Value Type   | NM   | Test Case Fixed Data |

| Location   | Data Element                             | Data                             | Categorization       |
|------------|--|----------------------------------|----------------------|
| OBX.3      | Observation Identifier                   |                                  |                      |
| OBX.3.1    | Identifier                               | 26474-7                          | Test Case Fixed Data |
| OBX.3.2    | Text                                     | Lymphocytes [# /volume] in Blood | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System                | LN                               | Test Case Fixed Data |
| OBX.3.7    | Coding System Version                    | 2.52                             | Changeable Data      |
| OBX.3.9    | Original Text                            | Lymphocytes [# /volume] in Blood | Test Case Fixed Data |
| OBX.4      | Observation Sub-ID                       |                                  |                      |
| OBX.4.2    | Group                                    | 1                                | Test Case Fixed Data |
| OBX.4.3    | Sequence                                 | 1                                | Test Case Fixed Data |
| OBX.5      | Observation Value                        | ""                               | Test Case Fixed Data |
| OBX.6      | Units                                    |                                  |                      |
| OBX.6.1    | Identifier                               | 10*3/uL                          | Changeable Data      |
| OBX.6.2    | Text                                     | thousand per microliter          | Changeable Data      |
| OBX.6.3    | Name of the Coding System                | UCUM                             | Changeable Data      |
| OBX.6.7    | Coding System Version                    | 1.9                              | Changeable Data      |
| OBX.7      | Reference Range                          | 1.0 to 4.8                       | Changeable Data      |
| OBX.11     | Observation Result Status                | W                                | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation             |                                  |                      |
| OBX.14.1   | Time                                     | 201509251400                     | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                |                                  |                      |
| OBX.19.1   | Time                                     | 201509251930                     | Changeable Data      |
| OBX.23     | Performing Organization Name             |                                  |                      |
| OBX.23.1   | Organization Name                        | Century Hospital                 | Changeable Data      |
| OBX.23.6   | Assigning Authority                      |                                  |                      |
| OBX.23.6.1 | Namespace ID                             | CLIA                             | Changeable Data      |
| OBX.23.7   | Identifier Type Code                     | XX                               | Changeable Data      |
| OBX.23.10  | Organization Identifier                  | 24D9871327                       | Changeable Data      |
| OBX.24     | Performing Organization Address          |                                  |                      |
| OBX.24.1   | Street Address                           |                                  |                      |
| OBX.24.1.1 | Street or Mailing Address                | 2070 Test Park                   | Changeable Data      |
| OBX.24.3   | City                                     | Los Angeles                      | Changeable Data      |
| OBX.24.4   | State or Province                        | CA                               | Changeable Data      |
| OBX.24.5   | Zip or Postal Code                       | 90067                            | Changeable Data      |
| OBX.24.7   | Address Type                             | B                                | Changeable Data      |
| OBX.25     | Performing Organization Medical Director |                                  |                      |
| OBX.25.1   | ID Number                                | 5432178916                       | Changeable Data      |
| OBX.25.2   | Family Name                              |                                  |                      |
| OBX.25.2.1 | Surname                                  | Knowsalot                        | Changeable Data      |
| OBX.25.3   | Given Name                               | Phil                             | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                        | Dr.                              | Changeable Data      |
| OBX.25.9   | Assigning Authority                      |                                  |                      |
| OBX.25.9.1 | Namespace ID                             | NPI                              | Changeable Data      |
| OBX.25.10  | Name Type Code                           | L                                | Changeable Data      |
| OBX.25.13  | Identifier Type Code                     | NPI                              | Changeable Data      |
| OBX.29     | Observation Type                         | RSLT                             | Test Case Fixed Data |

#### OBX

| Location | Data Element              | Data                                | Categorization       |
|----------|---------------------------|-------------------------------------|----------------------|
| OBX.1    | Set ID - OBX              | 17                                  | IG Fixed Data        |
| OBX.2    | Value Type                | NM                                  | Test Case Fixed Data |
| OBX.3    | Observation Identifier    |                                     |                      |
| OBX.3.1  | Identifier                | 26478-8                             | Test Case Fixed Data |
| OBX.3.2  | Text                      | Lymphocytes/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.3.3  | Name of the Coding System | LN                                  | Test Case Fixed Data |
| OBX.3.7  | Coding System Version     | 2.52                                | Changeable Data      |
| OBX.3.9  | Original Text             | Lymphocytes/100 leukocytes in Blood | Test Case Fixed Data |

| Location   | Data Element                             | Data             | Categorization       |
|------------|--|------------------|----------------------|
| OBX.4.2    | Group                                    | 1                | Test Case Fixed Data |
| OBX.4.3    | Sequence                                 | 1                | Test Case Fixed Data |
| OBX.5      | Observation Value                        | ""               | Test Case Fixed Data |
| OBX.6      | Units                                    |                  |                      |
| OBX.6.1    | Identifier                               | %                | Changeable Data      |
| OBX.6.2    | Text                                     | percent          | Changeable Data      |
| OBX.6.3    | Name of the Coding System                | UCUM             | Changeable Data      |
| OBX.6.7    | Coding System Version                    | 1.9              | Changeable Data      |
| OBX.7      | Reference Range                          | 15.0 to 45.0     | Changeable Data      |
| OBX.11     | Observation Result Status                | W                | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation             |                  |                      |
| OBX.14.1   | Time                                     | 201509251400     | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                |                  |                      |
| OBX.19.1   | Time                                     | 201509251930     | Changeable Data      |
| OBX.23     | Performing Organization Name             |                  |                      |
| OBX.23.1   | Organization Name                        | Century Hospital | Changeable Data      |
| OBX.23.6   | Assigning Authority                      |                  |                      |
| OBX.23.6.1 | Namespace ID                             | CLIA             | Changeable Data      |
| OBX.23.7   | Identifier Type Code                     | XX               | Changeable Data      |
| OBX.23.10  | Organization Identifier                  | 24D9871327       | Changeable Data      |
| OBX.24     | Performing Organization Address          |                  |                      |
| OBX.24.1   | Street Address                           |                  |                      |
| OBX.24.1.1 | Street or Mailing Address                | 2070 Test Park   | Changeable Data      |
| OBX.24.3   | City                                     | Los Angeles      | Changeable Data      |
| OBX.24.4   | State or Province                        | CA               | Changeable Data      |
| OBX.24.5   | Zip or Postal Code                       | 90067            | Changeable Data      |
| OBX.24.7   | Address Type                             | B                | Changeable Data      |
| OBX.25     | Performing Organization Medical Director |                  |                      |
| OBX.25.1   | ID Number                                | 5432178916       | Changeable Data      |
| OBX.25.2   | Family Name                              |                  |                      |
| OBX.25.2.1 | Surname                                  | Knowsalot        | Changeable Data      |
| OBX.25.3   | Given Name                               | Phil             | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                        | Dr.              | Changeable Data      |
| OBX.25.9   | Assigning Authority                      |                  |                      |
| OBX.25.9.1 | Namespace ID                             | NPI              | Changeable Data      |
| OBX.25.10  | Name Type Code                           | L                | Changeable Data      |
| OBX.25.13  | Identifier Type Code                     | NPI              | Changeable Data      |
| OBX.29     | Observation Type                         | RSLT             | Test Case Fixed Data |

#### OBX

| Location | Data Element              | Data                             | Categorization       |
|----------|---------------------------|----------------------------------|----------------------|
| OBX.1    | Set ID - OBX              | 18                               | IG Fixed Data        |
| OBX.2    | Value Type                | NM                               | Test Case Fixed Data |
| OBX.3    | Observation Identifier    |                                  |                      |
| OBX.3.1  | Identifier                | 26499-4                          | Test Case Fixed Data |
| OBX.3.2  | Text                      | Neutrophils [# /volume] in Blood | Test Case Fixed Data |
| OBX.3.3  | Name of the Coding System | LN                               | Test Case Fixed Data |
| OBX.3.7  | Coding System Version     | 2.52                             | Changeable Data      |
| OBX.3.9  | Original Text             | Neutrophils [# /volume] in Blood | Test Case Fixed Data |
| OBX.4    | Observation Sub-ID        |                                  |                      |
| OBX.4.2  | Group                     | 1                                | Test Case Fixed Data |
| OBX.4.3  | Sequence                  | 1                                | Test Case Fixed Data |
| OBX.5    | Observation Value         | ""                               | Test Case Fixed Data |
| OBX.6    | Units                     |                                  |                      |
| OBX.6.1  | Identifier                | 10*3/uL                          | Changeable Data      |

| OBX.6.2<br>Location | Text<br>Data Element                            | thousand per microliter<br>Data | Changeable Data<br>Categorization |
|---------------------|---|---------------------------------|-----------------------------------|
| OBX.6.3             | Name of the Coding System                       | UCUM                            | Changeable Data                   |
| OBX.6.7             | Coding System Version                           | 1.9                             | Changeable Data                   |
| <b>OBX.7</b>        | <b>Reference Range</b>                          | 1.5 to 7.0                      | Changeable Data                   |
| <b>OBX.11</b>       | <b>Observation Result Status</b>                | W                               | Test Case Fixed Data              |
| <b>OBX.14</b>       | <b>Date/Time of the Observation</b>             |                                 |                                   |
| OBX.14.1            | Time  | 201509251400                    | Changeable Data                   |
| <b>OBX.19</b>       | <b>Date/Time of the Analysis</b>                |                                 |                                   |
| OBX.19.1            | Time  | 201509251930                    | Changeable Data                   |
| <b>OBX.23</b>       | <b>Performing Organization Name</b>             |                                 |                                   |
| OBX.23.1            | Organization Name                               | Century Hospital                | Changeable Data                   |
| OBX.23.6            | Assigning Authority                             |                                 |                                   |
| OBX.23.6.1          | Namespace ID                                    | CLIA                            | Changeable Data                   |
| OBX.23.7            | Identifier Type Code                            | XX                              | Changeable Data                   |
| OBX.23.10           | Organization Identifier                         | 24D9871327                      | Changeable Data                   |
| <b>OBX.24</b>       | <b>Performing Organization Address</b>          |                                 |                                   |
| OBX.24.1            | Street Address                                  |                                 |                                   |
| OBX.24.1.1          | Street or Mailing Address                       | 2070 Test Park                  | Changeable Data                   |
| OBX.24.3            | City  | Los Angeles                     | Changeable Data                   |
| OBX.24.4            | State or Province                               | CA                              | Changeable Data                   |
| OBX.24.5            | Zip or Postal Code                              | 90067                           | Changeable Data                   |
| OBX.24.7            | Address Type                                    | B                               | Changeable Data                   |
| <b>OBX.25</b>       | <b>Performing Organization Medical Director</b> |                                 |                                   |
| OBX.25.1            | ID Number                                       | 5432178916                      | Changeable Data                   |
| OBX.25.2            | Family Name                                     |                                 |                                   |
| OBX.25.2.1          | Surname   | Knowsalot                       | Changeable Data                   |
| OBX.25.3            | Given Name                                      | Phil                            | Changeable Data                   |
| OBX.25.6            | Prefix (e.g., DR)                               | Dr.                             | Changeable Data                   |
| OBX.25.9            | Assigning Authority                             |                                 |                                   |
| OBX.25.9.1          | Namespace ID                                    | NPI                             | Changeable Data                   |
| OBX.25.10           | Name Type Code                                  | L                               | Changeable Data                   |
| OBX.25.13           | Identifier Type Code                            | NPI                             | Changeable Data                   |
| <b>OBX.29</b>       | <b>Observation Type</b>                         | RSLT                            | Test Case Fixed Data              |

#### OBX

| Location      | Data Element                        | Data                                | Categorization       |
|---------------|-------------------------------------|-------------------------------------|----------------------|
| <b>OBX.1</b>  | <b>Set ID - OBX</b>                 | 19                                  | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                   | NM                                  | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>       |                                     |                      |
| OBX.3.1       | Identifier                          | 26511-6                             | Test Case Fixed Data |
| OBX.3.2       | Text                                | Neutrophils/100 leukocytes in Blood | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System           | LN                                  | Test Case Fixed Data |
| OBX.3.7       | Coding System Version               | 2.52                                | Changeable Data      |
| OBX.3.9       | Original Text                       | Neutrophils/100 leukocytes in Blood | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>           |                                     |                      |
| OBX.4.2       | Group                               | 1                                   | Test Case Fixed Data |
| OBX.4.3       | Sequence                            | 1                                   | Test Case Fixed Data |
| <b>OBX.5</b>  | <b>Observation Value</b>            | ""                                  | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                        |                                     |                      |
| OBX.6.1       | Identifier                          | %                                   | Changeable Data      |
| OBX.6.2       | Text                                | percent                             | Changeable Data      |
| OBX.6.3       | Name of the Coding System           | UCUM                                | Changeable Data      |
| OBX.6.7       | Coding System Version               | 1.9                                 | Changeable Data      |
| <b>OBX.7</b>  | <b>Reference Range</b>              | 50 to 73                            | Changeable Data      |
| <b>OBX.11</b> | <b>Observation Result Status</b>    | W                                   | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b> |                                     |                      |

| OBX.14.1      | Time  | 201509251400     | Changeable Data      |
|---------------|---|------------------|----------------------|
| Location      | Data Element                                    | Data             | Categorization       |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                |                  |                      |
| OBX.19.1      | Time  | 201509251930     | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>             |                  |                      |
| OBX.23.1      | Organization Name                               | Century Hospital | Changeable Data      |
| OBX.23.6      | Assigning Authority                             |                  |                      |
| OBX.23.6.1    | Namespace ID                                    | CLIA             | Changeable Data      |
| OBX.23.7      | Identifier Type Code                            | XX               | Changeable Data      |
| OBX.23.10     | Organization Identifier                         | 24D9871327       | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>          |                  |                      |
| OBX.24.1      | Street Address                                  |                  |                      |
| OBX.24.1.1    | Street or Mailing Address                       | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City  | Los Angeles      | Changeable Data      |
| OBX.24.4      | State or Province                               | CA               | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                              | 90067            | Changeable Data      |
| OBX.24.7      | Address Type                                    | B                | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b> |                  |                      |
| OBX.25.1      | ID Number                                       | 5432178916       | Changeable Data      |
| OBX.25.2      | Family Name                                     |                  |                      |
| OBX.25.2.1    | Surname   | Knowsalot        | Changeable Data      |
| OBX.25.3      | Given Name                                      | Phil             | Changeable Data      |
| OBX.25.6      | Prefix (e.g., DR)                               | Dr.              | Changeable Data      |
| OBX.25.9      | Assigning Authority                             |                  |                      |
| OBX.25.9.1    | Namespace ID                                    | NPI              | Changeable Data      |
| OBX.25.10     | Name Type Code                                  | L                | Changeable Data      |
| OBX.25.13     | Identifier Type Code                            | NPI              | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                         | RSLT             | Test Case Fixed Data |

#### SPM

| Location      | Data Element                         | Data                        | Categorization    |
|---------------|--------------------------------------|-----------------------------|-------------------|
| <b>SPM.1</b>  | <b>Set ID - SPM</b>                  | 1                           | IG Fixed Data     |
| <b>SPM.2</b>  | <b>Specimen ID</b>                   |                             |                   |
| SPM.2.1       |                                      |                             |                   |
| SPM.2.1.1     |                                      | S-2015-66                   | Configurable Data |
| SPM.2.1.3     |                                      | 2.16.840.1.113883.3.72.5.24 | Configurable Data |
| SPM.2.1.4     |                                      | ISO                         | Changeable Data   |
| SPM.2.2       |                                      |                             |                   |
| SPM.2.2.1     |                                      | S-9911-33                   | Changeable Data   |
| SPM.2.2.3     |                                      | 2.16.840.1.113883.3.72.5.25 | Changeable Data   |
| SPM.2.2.4     |                                      | ISO                         | IG Fixed Data     |
| <b>SPM.4</b>  | <b>Specimen Type</b>                 |                             |                   |
| SPM.4.1       | Identifier                           | 119297000                   | Changeable Data   |
| SPM.4.2       | Text                                 | BLD                         | Changeable Data   |
| SPM.4.3       | Name of the Coding System            | SCT                         | Changeable Data   |
| SPM.4.7       | Coding System Version                | 201509USEd                  | Changeable Data   |
| SPM.4.9       | Original Text                        | Blood                       | Changeable Data   |
| <b>SPM.17</b> | <b>Specimen Collection Date/Time</b> |                             |                   |
| SPM.17.1      | Range Start Date/Time                |                             |                   |
| SPM.17.1.1    | Time                                 | 201509251400                | Changeable Data   |

**Patient Information**

| Element            | Data           |
|--------------------|----------------|
| Name               | Willow A Jones |
| Date/Time of Birth | 12/27/2001     |
| Administrative Sex | Female         |
| Race               | White          |
| Alt Race           |                |

**Order Observation****Ordering Provider**

| Element           | Data                |
|-------------------|---------------------|
| Name              | DR Nicholas M Radon |
| Identifier number | 5742200012          |

**Observation Details**

| Element                                     | Data  |
|---|---|
| Observation General Information             |   |
| Placer Order Number                         | ORD666666   |
| Filler Order Number                         | R-991133  |
| Placer Group Number                         | GORD874233  |
|   |   |
| Parent Universal Service Identifier         |   |
| Identifier                                  |   |
| Text  |   |
| Alt Identifier                              |   |
| Alt Text                                    |   |
| Original Text                               |   |
|   |   |
| Observation Details                         |   |
| Universal Service Identifier                | CBC W Auto Differential panel in Blood  |
| Observation Date/Time                       | 09/25/2015 2:00 PM  |
| Observation end Date/Time                   |   |
| Specimen Action Code                        |   |
| Relevant Clinical Information               |   |
| Relevant Clinical Information Original Text |   |
|   |   |
| Observation Result Information              |   |
| Result Status                               | C   |
| Results Report/Status Change - Date/Time    | 09/26/2015 2:30 PM  |
|   |   |
| Results Handling                            |   |
| Standard                                    |   |
|   |   |
| Observation Notes                           |   |
| Notes and comments                          | All results previously reported for this patient were reported in error; they do not apply to this patient. |

**Timing/Quantity Information**

| Element         | Data |
|-----------------|------|
| Priority        |      |
| Start Date/time |      |



End Date/time

### Results Performing Laboratory

| Element                 | Data                                |
|-------------------------|-------------------------------------|
| Laboratory Name         | Century Hospital                    |
| Organization identifier | 24D9871327                          |
| Address                 | 2070 Test Park Los Angeles CA 90067 |
| Director Name           | Dr. Phil Knowsalot                  |
| Director identifier     | 5432178916                          |

### Specimen Information

| Element                | Data         |
|------------------------|--------------|
| Specimen Type          | BLD          |
| Alt Specimen Type      |              |
| Specimen Original Text | Blood        |
| Start date/time        | 201509251400 |

### Lab results

| Element  |        |                        |                  | Data                 |        |                          |                       |       |
|--|--------|------------------------|------------------|----------------------|--------|--------------------------|-----------------------|-------|
| Test performed   |        |                        |                  | Complete Blood Count |        |                          |                       |       |
| Test Report date                                       |        |                        |                  | 09/26/2015 14:30     |        |                          |                       |       |
| Result Observation Name                                | Result | UOM                    | Range            | Abnormal Flag        | Status | Date/Time of Observation | Date/Time of Analysis | Notes |
| Erythrocytes [#volume] in Blood                        | '''    | million per microliter | 4.3 to 6.2       |                      | W      | 09/25/2015 14:00         | 09/26/2015 19:30      |       |
| Hemoglobin [Mass/volume] in Blood                      | '''    | grams per milliliter   | 13 to 18         |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |
| Hematocrit [Volume Fraction] of Blood                  | '''    | percent                | 40 to 52         |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |
| Leukocytes [#volume] in Blood                          | '''    | cells per microliter   | 4300 to 10800    |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |
| Platelets [#volume] in Blood                           | '''    | cells per microliter   | 150000 to 350000 |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |
| Erythrocyte mean corpuscular volume [Entitic volume]   | '''    | femtoliter             | 80 to 95         |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |
| Erythrocyte mean corpuscular hemoglobin [Entitic mass] | '''    | picograms per cell     | 27 to 31         |                      | W      | 09/25/2015 14:00         | 09/25/2015 19:30      |       |

|   |     |                         |              |  |   |                  |                  |  |
|---|-----|-------------------------|--------------|--|---|------------------|------------------|--|
| Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] | ''' | grams per deciliter     | 32 to 36     |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Erythrocyte distribution width [Ratio]                              | ''' | percent                 | 10.2 to 14.5 |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Basophils [#volume] in Blood  | ''' | thousand per microliter | 0 to 0.3     |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Basophils/100 leukocytes in Blood                                   | ''' | percent                 | 0 to 2       |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Monocytes [#volume] in Blood  | ''' | thousand per microliter | 0.0 to 13.0  |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Monocytes/100 leukocytes in Blood                                   | ''' | percent                 | 0 to 10      |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Eosinophils [#volume] in Blood                                      | ''' | thousand per microliter | 0.0 to 0.45  |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Eosinophils/100 leukocytes in Blood                                 | ''' | percent                 | 0 to 6       |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Lymphocytes [#volume] in Blood                                      | ''' | thousand per microliter | 1.0 to 4.8   |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Lymphocytes/100 leukocytes in Blood                                 | ''' | percent                 | 15.0 to 45.0 |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Neutrophils [#volume] in Blood                                      | ''' | thousand per microliter | 1.5 to 7.0   |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |
| Neutrophils/100 leukocytes in Blood                                 | ''' | percent                 | 50 to 73     |  | W | 09/25/2015 14:00 | 09/25/2015 19:30 |  |

| HL7 v2.5 ORU^R01^ORU_R01 Message: Incorporation of Laboratory Results |                          |                          |
|---|--------------------------|--------------------------|
| Test Case ID  | LRI_2.1_2.1-NG           |                          |
| Juror ID  |                          |                          |
| Juror Name  |                          |                          |
| HIT System Tested   |                          |                          |
| Inspection Date/Time  |                          |                          |
| Inspection Settlement (Pass/Fail)                                     | Pass                     | Fail                     |
|   | <input type="checkbox"/> | <input type="checkbox"/> |
| Reason Failed   |                          |                          |
| Juror Comments  |                          |                          |

This Test Case-specific Juror Document provides a checklist for the Tester to use during testing for assessing the Health IT Module's ability to display and incorporate required data elements from the information received in the LRI message. Additional data from the message or from the Health IT Module are permitted to be displayed and incorporated by the Module. Grayed-out fields in the Juror Document indicate where no data for that data element were included in the LRI message for the given Test Case.

The format of the Display Verification section of this Juror Document is for ease-of-use by the Tester and does not indicate how the Health IT Module display must be designed.

## Display Verification

### Legend for Display Requirement

Data in **bold red** text: HIT Module must display exact version of stored data

Data in ***bold black italics*** text: HIT Module must display exact version of data received in the LRI message

Data in regular text: HIT Module may display equivalent version of stored data

| Patient Information - Display Verification   |                       |            |     |              |                |
|--|-----------------------|------------|-----|--------------|----------------|
| Patient Identifier   | Patient Name          | DOB        | Sex | Race         | Tester Comment |
| <i>PATID1240</i>   | <i>Willow A Jones</i> | 12/27/2001 | F   | <b>White</b> |                |
| When a given patient has more than one Patient ID Number, the HIT module may display the ID Number that is most appropriate for the context (e.g., inpatient ID Number versus ambulatory ID Number.) |                       |            |     |              |                |

| Lab Results - Display Verification                                  |   |                         |                  |               |        |                          |                              |                       |                |
|---|---|-------------------------|------------------|---------------|--------|--------------------------|------------------------------|-----------------------|----------------|
| Test Performed:   | Complete Blood Count  |                         |                  |               |        |                          |                              |                       |                |
| Test Report Date:   | 09/26/2015 14:30:00   |                         |                  |               |        |                          |                              |                       |                |
| Result Report Status  | C   |                         |                  |               |        |                          |                              |                       |                |
| Note:   | All results previously reported for this patient were reported in error; they do not apply to this patient. |                         |                  |               |        |                          |                              |                       |                |
| Result Observation Name   | Result Value  | UOM                     | Reference Range  | Abnormal Flag | Status | Date/Time of Observation | End Date/Time of Observation | Date/Time of Analysis | Tester Comment |
| Erythrocytes [#/volume] in Blood                                    | ""  | million per microliter  | 4.3 to 6.2       |               | W      | 09/25/2015 14:00:        |                              | 09/26/2015 19:30:     |                |
| Hemoglobin [Mass/volume] in Blood                                   | ""  | grams per milliliter    | 13 to 18         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Hematocrit [Volume Fraction] of Blood                               | ""  | percent                 | 40 to 52         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Leukocytes [#/volume] in Blood                                      | ""  | cells per microliter    | 4300 to 10800    |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Platelets [#/volume] in Blood                                       | ""  | cells per microliter    | 150000 to 350000 |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Erythrocyte mean corpuscular volume [Entitic volume]                | ""  | femtoliter              | 80 to 95         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Erythrocyte mean corpuscular hemoglobin [Entitic mass]              | ""  | picograms per cell      | 27 to 31         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] | ""  | grams per deciliter     | 32 to 36         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Erythrocyte distribution width [Ratio]                              | ""  | percent                 | 10.2 to 14.5     |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Basophils [#/volume] in Blood                                       | ""  | thousand per microliter | 0 to 0.3         |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Basophils/100 leukocytes in Blood                                   | ""  | percent                 | 0 to 2           |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Monocytes [#/volume] in Blood                                       | ""  | thousand per microliter | 0.0 to 13.0      |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Monocytes/100 leukocytes in Blood                                   | ""  | percent                 | 0 to 10          |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Eosinophils [#/volume] in Blood                                     | ""  | thousand per microliter | 0.0 to 0.45      |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Eosinophils/100 leukocytes in Blood                                 | ""  | percent                 | 0 to 6           |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |

| Lab Results - Display Verification  |   |                         |                 |               |        |                          |                              |                       |                |
|-------------------------------------|---|-------------------------|-----------------|---------------|--------|--------------------------|------------------------------|-----------------------|----------------|
| Test Performed:                     | Complete Blood Count  |                         |                 |               |        |                          |                              |                       |                |
| Test Report Date:                   | 09/26/2015 14:30:00   |                         |                 |               |        |                          |                              |                       |                |
| Result Report Status                | C   |                         |                 |               |        |                          |                              |                       |                |
| Note:                               | All results previously reported for this patient were reported in error; they do not apply to this patient. |                         |                 |               |        |                          |                              |                       |                |
|                                     |   |                         |                 |               |        |                          |                              |                       |                |
| Result Observation Name             | Result Value  | UOM                     | Reference Range | Abnormal Flag | Status | Date/Time of Observation | End Date/Time of Observation | Date/Time of Analysis | Tester Comment |
| Lymphocytes [# /volume] in Blood    | ""  | thousand per microliter | 1.0 to 4.8      |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Lymphocytes/100 leukocytes in Blood | ""  | percent                 | 15.0 to 45.0    |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Neutrophils [# /volume] in Blood    | ""  | thousand per microliter | 1.5 to 7.0      |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |
| Neutrophils/100 leukocytes in Blood | ""  | percent                 | 50 to 73        |               | W      | 09/25/2015 14:00:        |                              | 09/25/2015 19:30:     |                |

| Performing Organization Information - Display Verification |                  |                |
|--|------------------|----------------|
| Data Element Name  | Data             | Tester Comment |
| Organization Name  | Century Hospital |                |
| Organization Address                                       |                  |                |
| Street address   | 2070 Test Park   |                |
| Other designation  |                  |                |
| City   | Los Angeles      |                |
| State  | CA               |                |
| Zip code   | 90067            |                |

| Performing Organization Medical Director Information - Display Verification |           |                |
|---|-----------|----------------|
| Data Element Name   | Data      | Tester Comment |
| Medical Director Name   |           |                |
| Family Name   |           |                |
| Surname   | Knowsalot |                |
| Given Name  | Phil      |                |
| Second and Further Given Names or Initials Thereof                          |           |                |
| Suffix (e.g., JR or III)  |           |                |
| Prefix (e.g., DR)   | Dr.       |                |

| Specimen Information - Display Verification |                   |                |
|---|-------------------|----------------|
| Data Element Name                           | Data              | Tester Comment |
| Specimen Type(Specimen Source)              | Blood             |                |
| Specimen Collection Date/Time - Start       | 09/25/2015 14:00: |                |
| Specimen Collection Date/Time - End         |                   |                |
| Specimen Reject Reason                      |                   |                |
| Specimen Condition                          |                   |                |

| Order Information - Display Verification           |           |                |
|--|-----------|----------------|
| Data Element Name                                  | Data      | Tester Comment |
| Relevant Clinical Information                      |           |                |
| Placer Order Number Entity ID                      | ORD666666 |                |
| Ordering Provider                                  |           |                |
| Family Name  |           |                |
| Surname  | Radon     |                |
| Given Name   | Nicholas  |                |
| Second and Further Given Names or Initials Thereof | M         |                |
| Suffix (e.g., JR or III)                           |           |                |
| Prefix (e.g., DR)                                  | DR        |                |

## Incorporate Verification

### Legend for Store Requirement

S-EX : Store exact

S-TR-R : Translate and store translation (exact value can be re-created from translation any time)

S-EX-A : Store exact by association

S-RC : Process and re-create

S-EQ : Store equivalent

(See "Instructions to Testers for Verification of Store Requirements" at the end of this Juror Document for additional details.)

| Patient Information Details- Incorporate Verification |  |                   |            |                |
|---|--|-------------------|------------|----------------|
| Location  | Data Element Name                                  | Store Requirement | Data       | Tester Comment |
| <b>PID-3</b>  | <b>Patient Identifier List</b>                     |                   |            |                |
| PID-3.1   | ID Number  | S-EX-A            | PATID1240  |                |
| <b>PID-3.4</b>  | <b>Assigning Property</b>                          |                   |            |                |
| PID-3.4.1   | Namespace ID                                       | S-EX-A            | NIST MPI   |                |
| PID-3.4.2   | Universal ID                                       | S-EX-A            |            |                |
| PID-3.4.3   | Universal ID Type                                  | S-EX-A            |            |                |
| PID-3.5   | Identifier Type Code                               | S-RC              | MR         |                |
| <b>PID-5</b>  | <b>Patient Name</b>                                |                   |            |                |
| <b>PID-5.1</b>  | <b>Family Name</b>                                 |                   |            |                |
| PID-5.1.1   | Surname  | S-EX-A            | Jones      |                |
| PID-5.2   | Given Name   | S-EX-A            | Willow     |                |
| PID-5.3   | Second and Further Given Names or Initials Thereof | S-EX-A            | A          |                |
| PID-5.4   | Suffix (e.g., JR or III)                           | S-EX-A            |            |                |
| PID-5.7   | Name Type Code                                     | S-RC              | L          |                |
| <b>PID-7</b>  | <b>Date/Time of Birth</b>                          |                   |            |                |
| PID-7.1   | Time   | S-EQ              | 12/27/2001 |                |
| PID-8   | Administrative Sex                                 | S-TR-R            | F          |                |
| <b>PID-10</b>   | <b>Race</b>  |                   |            |                |
| PID-10.1  | Identifier   | S-RC              | 2106-3     |                |
| PID-10.2  | Text   | S-RC              | White      |                |
| PID-10.3  | Name of Coding System                              | S-RC              | HL70005    |                |



| Order Information - Incorporate Verification |  |                   |                 |                |
|--|--|-------------------|-----------------|----------------|
| Location                                     | Data Element Name                                  | Store Requirement | Data            | Tester Comment |
| <b>ORC-2/OBR-2</b>                           | <b>Placer Order Number</b>                         |                   |                 |                |
| ORC-2.1/OBR-2.1                              | Entity Identifier                                  | S-EX-A            | ORD666666       |                |
| ORC-2.2/OBR-2.2                              | Namespace ID                                       | S-EX-A            | NIST EHR        |                |
| ORC-2.3/OBR-2.3                              | Universal ID                                       | S-EX-A            |                 |                |
| ORC-2.4/OBR-2.4                              | Universal ID Type                                  | S-EX-A            |                 |                |
| <b>ORC-3/OBR-3</b>                           | <b>Filler Order Number</b>                         |                   |                 |                |
| ORC-3.1/OBR-3.1                              | Entity Identifier                                  | S-EX              | R-991133        |                |
| ORC-3.2/OBR-3.2                              | Namespace ID                                       | S-EX-A            | NIST Lab Filler |                |
| ORC-3.3/OBR-3.3                              | Universal ID                                       | S-EX-A            |                 |                |
| ORC-3.4/OBR-3.4                              | Universal ID Type                                  | S-EX-A            |                 |                |
| <b>ORC-12/OBR-16</b>                         | <b>Ordering Provider</b>                           |                   |                 |                |
| ORC-12.1/OBR-16.1                            | ID Number  | S-RC              | 5742200012      |                |
| <b>ORC-12.2/OBR-16.2</b>                     | <b>Family Name</b>                                 |                   |                 |                |
| ORC-12.2.1/OBR-16.2.1                        | Surname  | S-RC              | Radon           |                |
| ORC-12.3/OBR-16.3                            | Given Name   | S-RC              | Nicholas        |                |
| ORC-12.4/OBR-16.4                            | Second and Further Given Names or Initials Thereof | S-RC              | M               |                |
| ORC-12.5/OBR-16.5                            | Suffix (e.g., JR or III)                           | S-RC              |                 |                |
| ORC-12.6/OBR-16.6                            | Prefix (e.g., DR)                                  | S-RC              | DR              |                |
| <b>ORC-12.9/OBR-16.9</b>                     | <b>Assigning Authority</b>                         |                   |                 |                |
| ORC-12.9.1/OBR-16.9.1                        | Namespace ID                                       | S-EX-A            | NPI             |                |
| ORC-12.9.2/OBR-16.9.2                        | Universal ID                                       | S-EX-A            |                 |                |
| ORC-12.9.3/OBR-16.9.3                        | Universal ID Type                                  | S-EX-A            |                 |                |
| ORC-12.10/OBR-16.10                          | Name Type Code                                     | S-RC              | L               |                |
| ORC-12.13/OBR-16.13                          | Identifier Type Code                               | S-RC              | NPI             |                |

| Note- Incorporate Verification |                   |                   |   |                |
|--------------------------------|-------------------|-------------------|---|----------------|
| Location                       | Data Element Name | Store Requirement | Data  | Tester Comment |
| NTE-3                          | Note              | S-EX              | All results previously reported for this patient were reported in error; they do not apply to this patient. |                |

| Performing Organization Information - Incorporate Verification  |  |                   |                  |                |
|---|--|-------------------|------------------|----------------|
| Location  | Data Element Name                                  | Store Requirement | Data             | Tester Comment |
| <b>OBX-23</b>   | <b>Performing Organization Name</b>                |                   |                  |                |
| OBX-23.1  | Organization Name (Note 1)                         | S-TR-R            | Century Hospital |                |
| <b>OBX-23.6</b>   | <b>Assigning Authority (Note 2)</b>                |                   |                  |                |
| OBX-23.6.1  | Namespace ID                                       | S-EX-A            | CLIA             |                |
| OBX-23.6.2  | Universal ID                                       | S-EX-A            |                  |                |
| OBX-23.6.3  | Universal ID Type                                  | S-EX-A            |                  |                |
| OBX-23.7  | Identifier Type Code                               | S-RC              | XX               |                |
| OBX-23.10   | Organization Identifier                            | S-TR-R            | 24D9871327       |                |
| <b>OBX-24</b>   | <b>Performing Organization Address</b>             |                   |                  |                |
| <b>OBX-24.1</b>   | <b>Street Address</b>                              |                   |                  |                |
| OBX-24.1.1  | Street or Mailing Address                          | S-EX-A            | 2070 Test Park   |                |
| OBX-24.2  | Other Designation                                  | S-EX-A            |                  |                |
| OBX-24.3  | City   | S-EX-A            | Los Angeles      |                |
| OBX-24.4  | State or Province                                  | S-EX-A            | CA               |                |
| OBX-24.5  | Zip or Postal Code                                 | S-EX-A            | 90067            |                |
| OBX-24.6  | Country  | S-TR-R            |                  |                |
| <b>OBX-25</b>   | <b>Performing Organization Medical Director</b>    |                   |                  |                |
| OBX-25.1  | ID Number  | S-RC              | 5432178916       |                |
| <b>OBX-25.2</b>   | <b>Family Name</b>                                 |                   |                  |                |
| OBX-25.2.1  | Surname  | S-TR-R            | Knowsalot        |                |
| OBX-25.3  | Given Name   | S-TR-R            | Phil             |                |
| OBX-25.4  | Second and Further Given Names or Initials Thereof | S-TR-R            |                  |                |
| OBX-25.5  | Suffix (e.g., JR or III)                           | S-TR-R            |                  |                |
| OBX-25.6  | Prefix (e.g., DR)                                  | S-TR-R            |                  |                |
| <b>OBX-25.9</b>   | <b>Assigning Authority (Note 2)</b>                |                   |                  |                |
| OBX-25.9.1  | Namespace ID                                       | S-EX-A            | NPI              |                |
| OBX-25.9.2  | Universal ID                                       | S-EX-A            |                  |                |
| OBX-25.9.3  | Universal ID Type                                  | S-EX-A            |                  |                |
| OBX-25.10   | Name Type Code                                     | S-RC              | L                |                |
| OBX-25.13   | Identifier Type Code                               | S-RC              | NPI              |                |
| <b>Note 1</b> - The HIT Module must store the Organization Name or be able to recreate it. If the HIT Module is able to demonstrate Organization Name: ID is always 1:1, then the HIT Module is permitted to store and recreate (S-TR-R). |  |                   |                  |                |
| <b>Note 2</b> - Determine requirement for support of 2nd component or 3rd and 4th component based on the EI or HD Profile   |  |                   |                  |                |

| Order Information (cont'd) - Incorporate Verification   |  |                   |  |                |
|---|--|-------------------|--|----------------|
| Location  | Data Element Name                            | Store Requirement | Data                                   | Tester Comment |
| <b>OBR-4</b>  | <b>Universal Service Identifier (Note 1)</b> |                   |  |                |
| OBR-4.1   | Identifier                                   | S-TR-R            | 57021-8                                |                |
| OBR-4.2   | Text   | S-EX-A            | CBC W Auto Differential panel in Blood |                |
| OBR-4.3   | Name of the Coding System                    | S-RC              | LN                                     |                |
| OBR-4.4   | Alternate Identifier                         | S-TR-R            | 200                                    |                |
| OBR-4.5   | Alternate Text                               | S-EX-A            | CBC_diff                               |                |
| OBR-4.6   | Name of Alternate Coding System              | S-RC              | 99USL                                  |                |
| OBR-4.9   | Original Text                                | S-EX              | Complete Blood Count                   |                |
| <b>OBR-7/SPM-17.1</b>   | <b>Observation Date/Time</b>                 |                   |  |                |
| OBR-7.1/SPM-17.1.1  | Time   | S-EQ              | 09/25/2015 14:00:                      |                |
| <b>OBR-8/SPM-17.2</b>   | <b>Observation End Date/Time</b>             |                   |  |                |
| OBR-8.1/SPM-17.2.1  | Time   | S-EQ              |  |                |
| <b>OBR-13</b>   | <b>Relevant Clinical Information</b>         |                   |  |                |
| OBR-13.1  | Identifier                                   | S-TR-R            |  |                |
| OBR-13.2  | Text   | S-EX-A            |  |                |
| OBR-13.3  | Name of the Coding System                    | S-RC              |  |                |
| OBR-13.9  | Original Text                                | S-EX              |  |                |
| <b>OBR-22</b>   | <b>Results Rpt/Status Chng - Date/Time</b>   |                   |  |                |
| OBR-22.1  | Time   | S-EQ              | 09/26/2015 14:30:00                    |                |
| OBR-25  | Result Status                                | S-TR-R            | C                                      |                |
| <b>Note 1</b> -Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |  |                |

| Result Information - Incorporate Verification  |  |                   |                                  |                |
|--|--|-------------------|----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                             | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26453-1                          |                |
| OBX-3.2  | Text                                   | S-EX-A            | Erythrocytes [#/volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                               |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-3.9  | Original Text                          | S-EX              | Erythrocytes [#/volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                               |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*6/uL                          |                |
| OBX-6.2  | Text                                   | S-TR-R            | million per microliter           |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                             |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-6.9  | Original Text                          | S-EX              |                                  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 4.3 to 6.2                       |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/26/2015 19:30:                |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                  |                |

| Result Information - Incorporate Verification  |  |                   |                                   |                |
|--|--|-------------------|-----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                              | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                   |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 718-7                             |                |
| OBX-3.2  | Text                                   | S-EX-A            | Hemoglobin [Mass/volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                   |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-3.9  | Original Text                          | S-EX              | Hemoglobin [Mass/volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                   |                |
| OBX-6.1  | Identifier                             | S-TR-R            | g/mL                              |                |
| OBX-6.2  | Text                                   | S-TR-R            | grams per milliliter              |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                              |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                   |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-6.9  | Original Text                          | S-EX              |                                   |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 13 to 18                          |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                   |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                 |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                   |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                 |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                   |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                 |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                   |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                   |                |

| Result Information - Incorporate Verification  |  |                   |                                       |                |
|--|--|-------------------|---------------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                                  | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                       |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 20570-8                               |                |
| OBX-3.2  | Text                                   | S-EX-A            | Hematocrit [Volume Fraction] of Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                    |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                       |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                       |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                       |                |
| OBX-3.9  | Original Text                          | S-EX              | Hematocrit [Volume Fraction] of Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                    |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                       |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                     |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                               |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                                  |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                       |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                       |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                       |                |
| OBX-6.9  | Original Text                          | S-EX              |                                       |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 40 to 52                              |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                       |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                     |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                       |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                     |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                       |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                     |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                       |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                       |                |

| Result Information - Incorporate Verification  |  |                   |                                 |                |
|--|--|-------------------|---------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                            | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                 |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26464-8                         |                |
| OBX-3.2  | Text                                   | S-EX-A            | Leukocytes [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                              |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                 |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                 |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                 |                |
| OBX-3.9  | Original Text                          | S-EX              | Leukocytes [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                              |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                 |                |
| OBX-6.1  | Identifier                             | S-TR-R            | {cells} /uL                     |                |
| OBX-6.2  | Text                                   | S-TR-R            | cells per microliter            |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                            |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                 |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                 |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                 |                |
| OBX-6.9  | Original Text                          | S-EX              |                                 |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 4300 to 10800                   |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                 |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                               |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                 |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:               |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                 |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:               |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                 |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                 |                |



| Result Information - Incorporate Verification  |  |                   |                                |                |
|--|--|-------------------|--------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                           | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26515-7                        |                |
| OBX-3.2  | Text                                   | S-EX-A            | Platelets [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                             |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-3.9  | Original Text                          | S-EX              | Platelets [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                             |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                |                |
| OBX-6.1  | Identifier                             | S-TR-R            | {cells}/uL                     |                |
| OBX-6.2  | Text                                   | S-TR-R            | cells per microliter           |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                           |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-6.9  | Original Text                          | S-EX              |                                |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 150000 to 350000               |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                              |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:              |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:              |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                |                |

| Result Information - Incorporate Verification  |  |                   |  |                |
|--|--|-------------------|--|----------------|
| Location   | Data Element Name                      | Store Requirement | Data   | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 30428-7  |                |
| OBX-3.2  | Text                                   | S-EX-A            | Erythrocyte mean corpuscular volume [Entitic volume] |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN   |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-3.9  | Original Text                          | S-EX              | Erythrocyte mean corpuscular volume [Entitic volume] |                |
| OBX-5  | Observation Value                      | S-EQ              | ""   |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | fL   |                |
| OBX-6.2  | Text                                   | S-TR-R            | femtoliter   |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM   |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-6.9  | Original Text                          | S-EX              |  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 80 to 95   |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W  |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                                    |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                                    |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |  |                |

| Result Information - Incorporate Verification  |  |                   |  |                |
|--|--|-------------------|--|----------------|
| Location   | Data Element Name                      | Store Requirement | Data   | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 28539-5  |                |
| OBX-3.2  | Text                                   | S-EX-A            | Erythrocyte mean corpuscular hemoglobin [Entitic mass] |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN   |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-3.9  | Original Text                          | S-EX              | Erythrocyte mean corpuscular hemoglobin [Entitic mass] |                |
| OBX-5  | Observation Value                      | S-EQ              | ""   |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | pg/{cell}  |                |
| OBX-6.2  | Text                                   | S-TR-R            | picograms per cell                                     |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM   |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-6.9  | Original Text                          | S-EX              |  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 27 to 31   |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W  |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                                      |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                                      |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |  |                |

| Result Information - Incorporate Verification  |  |                   |   |                |
|--|--|-------------------|---|----------------|
| Location   | Data Element Name                      | Store Requirement | Data  | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |   |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 28540-3   |                |
| OBX-3.2  | Text                                   | S-EX-A            | Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN  |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |   |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |   |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |   |                |
| OBX-3.9  | Original Text                          | S-EX              | Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] |                |
| OBX-5  | Observation Value                      | S-EQ              | ""  |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |   |                |
| OBX-6.1  | Identifier                             | S-TR-R            | g/dL  |                |
| OBX-6.2  | Text                                   | S-TR-R            | grams per deciliter   |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM  |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |   |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |   |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |   |                |
| OBX-6.9  | Original Text                          | S-EX              |   |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 32 to 36  |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |   |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W   |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |   |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:   |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |   |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:   |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |   |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |   |                |

| Result Information - Incorporate Verification  |  |                   |  |                |
|--|--|-------------------|--|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                                   | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 30385-9                                |                |
| OBX-3.2  | Text                                   | S-EX-A            | Erythrocyte distribution width [Ratio] |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                     |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-3.9  | Original Text                          | S-EX              | Erythrocyte distribution width [Ratio] |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                     |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                      |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                                |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                                   |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |  |                |
| OBX-6.9  | Original Text                          | S-EX              |  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 10.2 to 14.5                           |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                      |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                      |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                      |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |  |                |

| Result Information - Incorporate Verification  |  |                   |                                |                |
|--|--|-------------------|--------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                           | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26444-0                        |                |
| OBX-3.2  | Text                                   | S-EX-A            | Basophils [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                             |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-3.9  | Original Text                          | S-EX              | Basophils [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                             |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*3/uL                        |                |
| OBX-6.2  | Text                                   | S-TR-R            | thousand per microliter        |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                           |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-6.9  | Original Text                          | S-EX              |                                |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0 to 0.3                       |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                              |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:              |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:              |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                |                |

| Result Information - Incorporate Verification  |  |                   |                                   |                |
|--|--|-------------------|-----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                              | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                   |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 30180-4                           |                |
| OBX-3.2  | Text                                   | S-EX-A            | Basophils/100 leukocytes in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                   |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-3.9  | Original Text                          | S-EX              | Basophils/100 leukocytes in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                   |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                 |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                           |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                              |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                   |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-6.9  | Original Text                          | S-EX              |                                   |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0 to 2                            |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                   |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                 |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                   |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                 |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                   |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                 |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                   |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                   |                |

| Result Information - Incorporate Verification  |  |                   |                                |                |
|--|--|-------------------|--------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                           | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26484-6                        |                |
| OBX-3.2  | Text                                   | S-EX-A            | Monocytes [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                             |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-3.9  | Original Text                          | S-EX              | Monocytes [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                             |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*3/uL                        |                |
| OBX-6.2  | Text                                   | S-TR-R            | thousand per microliter        |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                           |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                |                |
| OBX-6.9  | Original Text                          | S-EX              |                                |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0.0 to 13.0                    |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                              |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:              |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:              |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                |                |



| Result Information - Incorporate Verification  |  |                   |                                   |                |
|--|--|-------------------|-----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                              | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                   |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26485-3                           |                |
| OBX-3.2  | Text                                   | S-EX-A            | Monocytes/100 leukocytes in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                   |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-3.9  | Original Text                          | S-EX              | Monocytes/100 leukocytes in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                   |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                 |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                           |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                              |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                   |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                   |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                   |                |
| OBX-6.9  | Original Text                          | S-EX              |                                   |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0 to 10                           |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                   |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                 |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                   |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                 |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                   |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                 |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                   |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                   |                |

| Result Information - Incorporate Verification  |  |                   |                                  |                |
|--|--|-------------------|----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                             | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26449-9                          |                |
| OBX-3.2  | Text                                   | S-EX-A            | Eosinophils [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                               |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-3.9  | Original Text                          | S-EX              | Eosinophils [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                               |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*3/uL                          |                |
| OBX-6.2  | Text                                   | S-TR-R            | thousand per microliter          |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                             |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-6.9  | Original Text                          | S-EX              |                                  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0.0 to 0.45                      |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                  |                |

| Result Information - Incorporate Verification  |  |                   |                                     |                |
|--|--|-------------------|-------------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                                | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                     |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26450-7                             |                |
| OBX-3.2  | Text                                   | S-EX-A            | Eosinophils/100 leukocytes in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                  |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                     |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-3.9  | Original Text                          | S-EX              | Eosinophils/100 leukocytes in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                  |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                     |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                   |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                             |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                                |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                     |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-6.9  | Original Text                          | S-EX              |                                     |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 0 to 6                              |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                     |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                   |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                     |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                   |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                     |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                   |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                     |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                     |                |

| Result Information - Incorporate Verification  |  |                   |                                  |                |
|--|--|-------------------|----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                             | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26474-7                          |                |
| OBX-3.2  | Text                                   | S-EX-A            | Lymphocytes [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                               |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-3.9  | Original Text                          | S-EX              | Lymphocytes [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                               |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*3/uL                          |                |
| OBX-6.2  | Text                                   | S-TR-R            | thousand per microliter          |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                             |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-6.9  | Original Text                          | S-EX              |                                  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 1.0 to 4.8                       |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                  |                |

| Result Information - Incorporate Verification  |  |                   |                                     |                |
|--|--|-------------------|-------------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                                | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                     |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26478-8                             |                |
| OBX-3.2  | Text                                   | S-EX-A            | Lymphocytes/100 leukocytes in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                  |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                     |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-3.9  | Original Text                          | S-EX              | Lymphocytes/100 leukocytes in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                  |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                     |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                   |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                             |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                                |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                     |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-6.9  | Original Text                          | S-EX              |                                     |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 15.0 to 45.0                        |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                     |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                   |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                     |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                   |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                     |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                   |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                     |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                     |                |

| Result Information - Incorporate Verification  |  |                   |                                  |                |
|--|--|-------------------|----------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                             | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                  |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26499-4                          |                |
| OBX-3.2  | Text                                   | S-EX-A            | Neutrophils [# /volume] in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                               |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                  |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-3.9  | Original Text                          | S-EX              | Neutrophils [# /volume] in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                               |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                  |                |
| OBX-6.1  | Identifier                             | S-TR-R            | 10*3/uL                          |                |
| OBX-6.2  | Text                                   | S-TR-R            | thousand per microliter          |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                             |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                  |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                  |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                  |                |
| OBX-6.9  | Original Text                          | S-EX              |                                  |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 1.5 to 7.0                       |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                  |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                  |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                  |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                  |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                  |                |

| Result Information - Incorporate Verification  |  |                   |                                     |                |
|--|--|-------------------|-------------------------------------|----------------|
| Location   | Data Element Name                      | Store Requirement | Data                                | Tester Comment |
| <b>OBX-3</b>   | <b>Observation Identifier (Note 1)</b> |                   |                                     |                |
| OBX-3.1  | Identifier                             | S-TR-R            | 26511-6                             |                |
| OBX-3.2  | Text                                   | S-EX-A            | Neutrophils/100 leukocytes in Blood |                |
| OBX-3.3  | Name of the Coding System              | S-RC              | LN                                  |                |
| OBX-3.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-3.5  | Alternate Text                         | S-EX-A            |                                     |                |
| OBX-3.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-3.9  | Original Text                          | S-EX              | Neutrophils/100 leukocytes in Blood |                |
| OBX-5  | Observation Value                      | S-EQ              | ""                                  |                |
| <b>OBX-6</b>   | <b>Units (Note 2)</b>                  |                   |                                     |                |
| OBX-6.1  | Identifier                             | S-TR-R            | %                                   |                |
| OBX-6.2  | Text                                   | S-TR-R            | percent                             |                |
| OBX-6.3  | Name of the Coding System              | S-RC              | UCUM                                |                |
| OBX-6.4  | Alternate Identifier                   | S-TR-R            |                                     |                |
| OBX-6.5  | Alternate Text                         | S-TR-R            |                                     |                |
| OBX-6.6  | Name of Alternate Coding System        | S-RC              |                                     |                |
| OBX-6.9  | Original Text                          | S-EX              |                                     |                |
| <b>OBX-7</b>   | <b>Reference Range</b>                 | S-EX              | 50 to 73                            |                |
| <b>OBX-8</b>   | <b>Abnormal Flags</b>                  | S-TR-R            |                                     |                |
| <b>OBX-11</b>  | <b>Observation Result Status</b>       | S-TR-R            | W                                   |                |
| <b>OBX-14</b>  | <b>Date/Time of the Observation</b>    |                   |                                     |                |
| OBX-14.1   | Time                                   | S-EQ              | 09/25/2015 14:00:                   |                |
| <b>OBX-19</b>  | <b>Date/Time of the Analysis</b>       |                   |                                     |                |
| OBX-19.1   | Time                                   | S-EQ              | 09/25/2015 19:30:                   |                |
| <b>Note 1</b> - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |  |                   |                                     |                |
| <b>Note 2</b> - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.                         |  |                   |                                     |                |

| Specimen Information - Incorporate Verification   |                                 |                   |           |                |
|---|---------------------------------|-------------------|-----------|----------------|
| Location  | Data Element Name               | Store Requirement | Data      | Tester Comment |
| <b>SPM-4</b>  | <b>Specimen Type (Note 1)</b>   |                   |           |                |
| SPM-4.1   | Identifier                      | S-TR-R            | 119297000 |                |
| SPM-4.2   | Text                            | S-EX-A            | BLD       |                |
| SPM-4.3   | Name of the Coding System       | S-RC              | SCT       |                |
| SPM-4.4   | Alternate Identifier            | S-TR-R            |           |                |
| SPM-4.5   | Alternate Text                  | S-EX-A            |           |                |
| SPM-4.6   | Name of Alternate Coding System | S-RC              |           |                |
| SPM-4.9   | Original Text                   | S-EX              | Blood     |                |
| <b>Note 1</b> - The HIT must store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received. |                                 |                   |           |                |



## Instructions to Testers for Verification of Store Requirements

*Note: The HIT Module being tested is always allowed to incorporate/store the exact data received in the LRI message even if a given Store Requirement does not explicitly state that the HIT Module is permitted to do so.*

| Store Requirement | Definition  | Instructions for Verification of Requirement During Conformance Testing   |
|-------------------|---|---|
| S-EX              | Store Exact   | <p>The HIT Module being tested must be designed to incorporate/store only the exact data received in the LRI message.</p> <ul style="list-style-type: none"> <li>Tester must verify that the HIT Module being tested incorporates/stores <b>in the patient's laboratory result record only the exact data received</b> in the LRI message, and that the HIT Module does not just store an equivalent of that exact data or just a pointer to the exact data.</li> </ul>   |
| S-EX-A            | Store exact by association  | <p>The HIT Module being tested must be designed (1) to incorporate/store the exact data received in the LRI message OR (2) to use a pointer to a location (e.g., file/table in or accessible to the HIT Module) where the exact data can be obtained.</p> <ul style="list-style-type: none"> <li>Tester must verify that the HIT Module being tested incorporates/stores <b>in the patient's laboratory result record the exact data received</b> in the LRI message OR that the HIT Module incorporates/stores <b>in the patient's laboratory result record a pointer to the exact data received</b> in the LRI message.</li> </ul> <p>Example: Placer Number; the HIT-originated Placer Number received in the LRI message may be incorporated/stored using a pointer rather than being stored redundantly in the patient's lab result record.</p>  |
| S-EQ              | Store equivalent  | <p>The HIT Module being tested must be designed to transform the exact data received in the LRI message to an equivalent format and then incorporate/store the equivalent format.</p> <ul style="list-style-type: none"> <li>Tester must verify that the HIT Module being tested transforms the exact data received in the LRI message to an equivalent format and incorporates/stores <b>the equivalent format in the patient's laboratory result record</b>.</li> </ul>   |
| S-TR-R            | Translate and store translation (exact value can be re-created from translation any time) | <p>The HIT Module being tested must be designed to transform the exact data received in the LRI message to an equivalent value and then incorporate/store the equivalent value.</p> <ul style="list-style-type: none"> <li>Tester must verify that the HIT Module being tested incorporates/stores <b>in the patient's laboratory result record the equivalent value</b>.</li> <li>Tester must also verify that the HIT Module is able to re-create from this equivalent value the exact data received in the LRI message.</li> </ul>   |
| S-RC              | Process and re-create   | <p>The HIT Module being tested must be designed to process and incorporate/store in an "abstract-able manner" (e.g., using the HIT Module's data model) the exact data received in the LRI message and to re-create the exact data (e.g., from the HIT Module's data model).</p> <ul style="list-style-type: none"> <li>Tester must verify that the HIT Module being tested processes and abstractly incorporates/stores <b>in the patient's laboratory result record the exact data received</b> in the LRI message.</li> <li>Tester also must verify that the HIT Module is able to re-create the exact data received in the LRI message by abstracting the data (e.g., from the HIT Module's data model).</li> </ul> <p>Example: Identifier Type Code; the HIT Module uses a separate file/table to store Social Security Numbers versus internal Medical Record Numbers, and does not need to retain the Identifier Type Code</p> |

MSH|^^&NIST Test Lab APP|NIST Lab Facility|NIST EHR Facility|20150926140551||ORU^R01^ORU\_R01|LRI\_2.1\_2.1-NG|D|2.5.1|  
||AL|AL||||LRI\_Common\_Component^^2.16.840.1.113883.9.16^ISO~LRI\_NG\_Component^^2.16.840.1.113883.9.13^ISO~LRI\_FRU\_Compon  
ent^^2.16.840.1.113883.9.83^ISO

PID|1|PATID1240^^NIST MPI^MR||Jones^Willow^A^^^L|20011227|F||2106-3^White^HL70005||||PATID1240^^NIST MPI^AN

ORC|RE|ORD666666^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST  
EHR||||5742200012^Radon^Nicholas^M^^DR^^NPI^L^^  
^NPI

OBR|1|ORD666666^NIST EHR|R-991133^NIST Lab Filler|57021-8^CBC W Auto Differential panel in Blood^LN^200^CBC\_diff^99USL^  
2.52^^Complete Blood Count||201509251400||||5742200012^Radon^Nicholas^M^^DR^^NPI^L^^NPI||||20150926143000-0800  
||C

NTE|1|All results previously reported for this patient were reported in error; they do not apply to this patient.

OBX|1|NM|26453-1^Erythrocytes [#volume] in Blood^LN^^2.52^^Erythrocytes [#volume] in Blood|^1^1|10\*6/uL^million  
per microliter^UCUM^^1.9|4.3 to 6.2|||W||201509251400||||201509261930|||Century Hospital^CLIA^XX^^24D9871327|  
2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|2|NM|718-7^Hemoglobin [Mass/volume] in Blood^LN^^2.52^^Hemoglobin [Mass/volume] in Blood|^1^1|10\*6/uL^grams per m  
illiliter^UCUM^^1.9|13 to 18|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Te  
st Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|3|NM|20570-8^Hematocrit [Volume Fraction] of Blood^LN^^2.52^^Hematocrit [Volume Fraction] of Blood|^1^1|10\*6/uL^percent  
ent^UCUM^^1.9|40 to 52|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Test Par  
k^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|4|NM|26464-8^Leukocytes [#volume] in Blood^LN^^2.52^^Leukocytes [#volume] in Blood|^1^1|10\*6/uL^cells per  
microliter^UCUM^^1.9|4300 to 10800|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|  
2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|5|NM|26515-7^Platelets [#volume] in Blood^LN^^2.52^^Platelets [#volume] in Blood|^1^1|10\*6/uL^cells per m  
icroliter^UCUM^^1.9|150000 to 350000|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327  
|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|6|NM|30428-7^Erythrocyte mean corpuscular volume [Entitic volume]^LN^^2.52^^Erythrocyte mean corpuscular volume [  
Entitic volume]^1^1|10\*6/uL^femtoliter^UCUM^^1.9|80 to 95|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|7|NM|28539-5^Erythrocyte mean corpuscular hemoglobin [Entitic mass]^LN^^2.52^^Erythrocyte mean corpuscular hemogl  
obin [Entitic mass]^1^1|10\*6/uL^pg/cell^picograms per cell^UCUM^^1.9|27 to 31|||W||201509251400||||201509251930|||Ce  
ntury Hospital^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|8|NM|28540-3^Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]^LN^^2.52^^Erythrocyte mean corpu  
scular hemoglobin concentration [Mass/volume]^1^1|10\*6/uL^grams per deciliter^UCUM^^1.9|32 to 36|||W||201509251400|  
||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsall  
ot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|9|NM|30385-9^Erythrocyte distribution width [Ratio]^LN^^2.52^^Erythrocyte distribution width [Ratio]^1^1|10\*6/uL^percent  
cent^UCUM^^1.9|10.2 to 14.5|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Te  
st Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|10|NM|26444-0^Basophils [#volume] in Blood^LN^^2.52^^Basophils [#volume] in Blood|^1^1|10\*6/uL^thousand per  
microliter^UCUM^^1.9|0 to 0.3|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 T  
est Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|11|NM|30180-4^Basophils/100 leukocytes in Blood^LN^^2.52^^Basophils/100 leukocytes in Blood|^1^1|10\*6/uL^percent^UCU  
M^^1.9|0 to 2|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Test Park^^Los An  
geles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|12|NM|26484-6^Monocytes [#volume] in Blood^LN^^2.52^^Monocytes [#volume] in Blood|^1^1|10\*6/uL^thousand per  
microliter^UCUM^^1.9|0.0 to 13.0|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|207  
0 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|13|NM|26485-3^Monocytes/100 leukocytes in Blood^LN^^2.52^^Monocytes/100 leukocytes in Blood|^1^1|10\*6/uL^percent^UCU  
M^^1.9|0 to 10|||W||201509251400||||201509251930|||Century Hospital^CLIA^XX^^24D9871327|2070 Test Park^^Los A  
ngeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI||||RSLT

OBX|14|NM|26449-9^Eosinophils [#volume] in Blood^LN^^^^2.52^Eosinophils [#volume] in Blood|^1^1|^10\*3/uL^thousand per microliter^UCUM^^^^1.9|0.0 to 0.45|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

OBX|15|NM|26450-7^Eosinophils/100 leukocytes in Blood^LN^^^^2.52^Eosinophils/100 leukocytes in Blood|^1^1|^1|^percent^UCUM^^^^1.9|0 to 6|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

OBX|16|NM|26474-7^Lymphocytes [#volume] in Blood^LN^^^^2.52^Lymphocytes [#volume] in Blood|^1^1|^1|^10\*3/uL^thousand per microliter^UCUM^^^^1.9|1.0 to 4.8|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

OBX|17|NM|26478-8^Lymphocytes/100 leukocytes in Blood^LN^^^^2.52^Lymphocytes/100 leukocytes in Blood|^1^1|^1|^percent^UCUM^^^^1.9|15.0 to 45.0|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

OBX|18|NM|26499-4^Neutrophils [#volume] in Blood^LN^^^^2.52^Neutrophils [#volume] in Blood|^1^1|^1|^10\*3/uL^thousand per microliter^UCUM^^^^1.9|1.5 to 7.0|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

OBX|19|NM|26511-6^Neutrophils/100 leukocytes in Blood^LN^^^^2.52^Neutrophils/100 leukocytes in Blood|^1^1|^1|^percent^UCUM^^^^1.9|50 to 73|||W||201509251400|||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI^L^^NPI|||RSLT

SPM|1|S-2015-66&&2.16.840.1.113883.3.72.5.24&ISO^S-9911-33&&2.16.840.1.113883.3.72.5.25&ISO|119297000^BLD^SCT^^^^201509251400