

## Test Case Information

| LRI 1.0 2.1-NG - Maximally Populated SED Rate message - Corrected Results |                |
|---|----------------|
| Test Case ID  | LRI_1.0_2.1-NG |

## MSH

| Location         | Data Element                           | Data                   | Categorization    |
|------------------|--|------------------------|-------------------|
| <b>MSH.1</b>     | <b>Field Separator</b>                 |                        | IG Fixed Data     |
| <b>MSH.2</b>     | <b>Encoding Characters</b>             | ^~\&#                  | IG Fixed Data     |
| <b>MSH.3</b>     | <b>Sending Application</b>             |                        |                   |
| MSH.3.1          | Namespace ID                           | NIST Test Lab APP      | Configurable Data |
| MSH.3.2          | Universal ID                           | 372520                 | Configurable Data |
| MSH.3.3          | Universal ID Type                      | L                      | Configurable Data |
| <b>MSH.4</b>     | <b>Sending Facility</b>                |                        |                   |
| MSH.4.1          | Namespace ID                           | NIST Lab Facility      | Configurable Data |
| MSH.4.2          | Universal ID                           | 372521                 | Configurable Data |
| MSH.4.3          | Universal ID Type                      | L                      | Configurable Data |
| <b>MSH.6</b>     | <b>Receiving Facility</b>              |                        |                   |
| MSH.6.1          | Namespace ID                           | NIST EHR Facility      | Configurable Data |
| MSH.6.2          | Universal ID                           | 372523                 | Configurable Data |
| MSH.6.3          | Universal ID Type                      | L                      | Configurable Data |
| <b>MSH.7</b>     | <b>Date/Time Of Message</b>            |                        |                   |
| MSH.7.1          | Time                                   | 20150926140551         | System Generated  |
| <b>MSH.9</b>     | <b>Message Type</b>                    |                        |                   |
| 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     |
| <b>MSH.10</b>    | <b>Message Control ID</b>              | LRI_1.0_2.1-NG         | System Generated  |
| <b>MSH.11</b>    | <b>Processing ID</b>                   |                        |                   |
| MSH.11.1         | Processing ID                          | D                      | Changeable Data   |
| <b>MSH.12</b>    | <b>VersionID</b>                       |                        |                   |
| MSH.12.1         | Version ID                             | 2.5.1                  | IG Fixed Data     |
| <b>MSH.15</b>    | <b>Accept Acknowledgment Type</b>      | AL                     | IG Fixed Data     |
| <b>MSH.16</b>    | <b>Application Acknowledgment Type</b> | AL                     | IG Fixed Data     |
| <b>MSH.21</b>    | <b>Message Profile Identifier</b>      |                        |                   |
| MSH.21.1         | Entity Identifier                      | LRI_Common_Component   | IG Fixed Data     |
| MSH.21.2         | Namespace ID                           | LRI Base Profile       | Changeable 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     |
| <b>MSH.21[2]</b> | <b>Message Profile Identifier</b>      |                        |                   |
| MSH.21[2].1      | Entity Identifier                      | LRI_NG_Component       | IG Fixed Data     |
| MSH.21[2].2      | Namespace ID                           | LRI Base Profile       | Changeable 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     |
| <b>MSH.21[3]</b> | <b>Message Profile Identifier</b>      |                        |                   |
| MSH.21[3].1      | Entity Identifier                      | LRI_FRU_Component      | IG Fixed Data     |
| MSH.21[3].2      | Namespace ID                           | LRI NG Profile         | Changeable 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    |
|------------------|--|----------------------------------|-------------------|
| <b>PID.1</b>     | <b>Set ID - PID</b>                                | 1                                | IG Fixed Data     |
| <b>PID.3</b>     | <b>Patient Identifier List</b>                     |                                  |                   |
| PID.3.1          | ID Number  | PATID1234                        | 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 |
| <b>PID.5</b>     | <b>Patient Name</b>                                |                                  |                   |
| PID.5.1          | Family Name  |                                  |                   |
| PID.5.1.1        | Surname  | Jones                            | Changeable Data   |
| PID.5.2          | Given Name   | William                          | 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>Date/Time of Birth</b>                          |                                  |                   |
| PID.7.1          | Time   | 19610615                         | Changeable Data   |
| <b>PID.8</b>     | <b>Administrative Sex</b>                          | M                                | 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   |
| PID.10.9         | Original Text                                      | White                            | Changeable Data   |
| <b>PID.10[2]</b> | <b>Race</b>  |                                  |                   |
| PID.10[2].1      | Identifier   | 1002-5                           | Changeable Data   |
| PID.10[2].2      | Text   | American Indian or Alaska Native | Changeable Data   |
| PID.10[2].3      | Name of the Coding System                          | HL70005                          | Changeable Data   |
| PID.10[2].9      | Original Text                                      | American Indian                  | Changeable Data   |
| <b>PID.18</b>    | <b>Patient Account Number</b>                      |                                  |                   |
| PID.18.1         | ID Number  | PATID1234                        | 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       |
|---------------|--|-----------------|----------------------|
| <b>ORC.1</b>  | <b>Order Control</b>                               | RE              | Test Case Fixed Data |
| <b>ORC.2</b>  | <b>Placer Order Number</b>                         |                 |                      |
| ORC.2.1       | Entity Identifier                                  | ORD723222       | Changeable Data      |
| ORC.2.2       | Namespace ID                                       | NIST EHR        | Changeable Data      |
| <b>ORC.3</b>  | <b>Filler Order Number</b>                         |                 |                      |
| ORC.3.1       | Entity Identifier                                  | R-783274        | Changeable Data      |
| ORC.3.2       | Namespace ID                                       | NIST Lab Filler |                      |
| <b>ORC.4</b>  | <b>Placer Group Number</b>                         |                 |                      |
| ORC.4.1       | Entity Identifier                                  | GORD874211      | Changeable Data      |
| ORC.4.2       | Namespace ID                                       | NIST EHR        |                      |
| <b>ORC.12</b> | <b>Ordering Provider</b>                           |                 |                      |
| 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.12.5      | Suffix (e.g., JR or III)                           | JR              | 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       |
|---------------|--|--------------------------------|----------------------|
| <b>OBR.1</b>  | <b>Set ID - OBR</b>                                | 1                              | IG Fixed Data        |
| <b>OBR.2</b>  | <b>Placer Order Number</b>                         |                                |                      |
| OBR.2.1       | Entity Identifier                                  | ORD723222                      | Changeable Data      |
| OBR.2.2       | Namespace ID                                       | NIST EHR                       | Changeable Data      |
| <b>OBR.3</b>  | <b>Filler Order Number</b>                         |                                |                      |
| OBR.3.1       | Entity Identifier                                  | R-783274                       | Changeable Data      |
| OBR.3.2       | Namespace ID                                       | NIST Lab Filler                | Changeable Data      |
| <b>OBR.4</b>  | <b>Universal Service Identifier</b>                |                                |                      |
| OBR.4.1       | Identifier   | 30341-2                        | Test Case Fixed Data |
| OBR.4.2       | Text   | Erythrocyte sedimentation rate | Test Case Fixed Data |
| OBR.4.3       | Name of Coding System                              | LN                             | Test Case Fixed Data |
| OBR.4.4       | Alternate Identifier                               | 500                            | Changeable Data      |
| OBR.4.5       | Alternate Text                                     | Erythrocyte sedimentation rate | 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                                      | Erythrocyte sedimentation rate | Changeable Data      |
| <b>OBR.7</b>  | <b>Observation Date/Time</b>                       |                                |                      |
| OBR.7.1       | Time   | 201509251400                   | Changeable Data      |
| <b>OBR.11</b> | <b>Specimen Action Code</b>                        | L                              | Changeable Data      |
| <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.16.5      | Suffix (e.g., JR or III)                           | JR                             | 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   | 20150926140551                 | Changeable Data      |
| <b>OBR.25</b> | <b>Result Status</b>                               | C                              | Test Case Fixed Data |
| <b>OBR.28</b> | <b>Result Copies To</b>                            |                                |                      |
| OBR.28.1      | ID Number  | 10092000194                    | Changeable Data      |
| OBR.28.2      | Family Name  |                                |                      |
| OBR.28.2.1    | Surname  | Hamlin                         | Changeable Data      |
| OBR.28.3      | Given Name   | Pafford                        | Changeable Data      |
| OBR.28.4      | Second and Further Given Names or Initials Thereof | M                              | Changeable Data      |
| OBR.28.5      | Suffix (e.g., JR or III)                           | Sr.                            | Changeable Data      |
| OBR.28.6      | Prefix (e.g., DR)                                  | Dr.                            | Changeable Data      |
| OBR.28.9      | Assigning Authority                                |                                |                      |
| OBR.28.9.1    | Namespace ID                                       | NPI                            | Changeable Data      |
| OBR.28.10     | Name Type Code                                     | L                              | Changeable Data      |
| OBR.28.13     | Identifier Type Code                               | NPI                            | Changeable Data      |
| <b>OBR.49</b> | <b>Results Handling</b>                            |                                |                      |
| OBR.49.1      | Identifier   | CC                             | Test Case Fixed Data |
| OBR.49.2      | Text   | Copies Requested               | Test Case Fixed Data |
| OBR.49.3      | Name of the Coding System                          | HL70507                        | IG Fixed Data        |

## NTE

| Location | Data Element | Data   | Categorization  |
|----------|--------------|--|-----------------|
| NTE.1    | Set ID - NTE | 1  | IG Fixed Data   |
| NTE.3    | Comment      | Patient is extremely anxious about needles used for drawing blood.\.brIf patient is overly frightened, nervous, or anxious please reschedule blood draw. | Changeable Data |

## TQ1

| Location | Data Element              | Data         | Categorization  |
|----------|---------------------------|--------------|-----------------|
| TQ1.1    | Set ID - TQ1              | 1            | IG Fixed Data   |
| TQ1.7    | Start date/time           |              |                 |
| TQ1.7.1  | Time                      | 201509251400 | Changeable Data |
| TQ1.8    | End date/time             |              |                 |
| TQ1.8.1  | Time                      | 201509261400 | Changeable Data |
| TQ1.9    | Priority                  |              |                 |
| TQ1.9.1  | Identifier                | R            | Changeable Data |
| TQ1.9.2  | Text                      | Routine      | Changeable Data |
| TQ1.9.3  | Name of the Coding System | HL70485      | Changeable Data |
| TQ1.9.9  | Original Text             | Routine      | Changeable Data |

## OBX

| Location   | Data Element                    | Data                           | Categorization       |
|------------|---------------------------------|--------------------------------|----------------------|
| OBX.1      | Set ID - OBX                    | 1                              | IG Fixed Data        |
| OBX.2      | Value Type                      | NM                             | Test Case Fixed Data |
| OBX.3      | Observation Identifier          |                                |                      |
| OBX.3.1    | Identifier                      | 30341-2                        | Test Case Fixed Data |
| OBX.3.2    | Text                            | Erythrocyte sedimentation rate | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System       | LN                             | Test Case Fixed Data |
| OBX.3.4    | Alternate Identifier            | 815117                         | Changeable Data      |
| OBX.3.5    | Alternate Text                  | ESR                            | Changeable Data      |
| OBX.3.6    | Name of Alternate Coding System | 99USL                          | Changeable Data      |
| OBX.3.7    | Coding System Version           | 2.52                           | Changeable Data      |
| OBX.3.9    | Original Text                   | Erythrocyte sedimentation rate | Changeable 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.4.4    | Identifier                      | 1                              | Test Case Fixed Data |
| OBX.5      | Observation Value               | 20                             | Test Case Fixed Data |
| OBX.6      | Units                           |                                |                      |
| OBX.6.1    | Identifier                      | mm/h                           | Changeable Data      |
| OBX.6.2    | Text                            | millimeter per hour            | 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 17                        | Changeable Data      |
| OBX.8      | Abnormal Flags                  | H                              | Test Case Fixed Data |
| OBX.11     | Observation Result Status       | C                              | 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                            | 20110331150551                 | 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      |
| <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.24.6      | Country  | USA            | Changeable Data      |
| OBX.24.7      | Address Type                                       | B              | Changeable Data      |
| OBX.24.9      | County/Parish Code                                 | 06037          | 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.25.4      | Second and Further Given Names or Initials Thereof | J.             | Changeable Data      |
| OBX.25.5      | Suffix (e.g., JR or III)                           | III            | 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 |
| <b>OBX.30</b> | <b>Observation SubType</b>                         | UNSP           | Test Case Fixed Data |

NTE

| Location | Data Element | Data   | Categorization  |
|----------|--------------|--|-----------------|
| NTE.1    | Set ID - NTE | 1  | IG Fixed Data   |
| NTE.3    | Comment      | Specimen re-analyzed per request of ordering provider. | Changeable Data |

NTE

| Location | Data Element | Data                         | Categorization  |
|----------|--------------|------------------------------|-----------------|
| NTE.1    | Set ID - NTE | 2                            | IG Fixed Data   |
| NTE.3    | Comment      | Patient is allergic to latex | Changeable 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.2.1.2     |                                      | GoodHealthC_EHR | Configurable Data |
| SPM.2.2       |                                      |                 |                   |
| SPM.2.2.1     |                                      | S-9911-33       | Changeable Data   |
| SPM.2.2.2     |                                      | NIST Lab Filler | Changeable 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.4.4       | Alternate Identifier                 | BldSpc          | Changeable Data   |
| SPM.4.5       | Alternate Text                       | Blood           | Changeable Data   |
| SPM.4.6       | Name of Alternate Coding System      | 99USL           | Changeable Data   |
| SPM.4.7       | Coding System Version                | 201509USEd      | Changeable Data   |
| SPM.4.9       | Original Text                        | Blood Specimen  | 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   |
| <b>SPM.24</b> | <b>Specimen Condition</b>            |                 |                   |
| SPM.24.1      | Identifier                           | COOL            | Changeable Data   |
| SPM.24.2      | Text                                 | Cool            | Changeable Data   |
| SPM.24.3      | Name of the Coding System            | HL70493         | Changeable Data   |
| SPM.24.4      | Alternate Identifier                 | CL              | Changeable Data   |
| SPM.24.5      | Alternate Text                       | Cool            | Changeable Data   |
| SPM.24.6      | Name of Alternate Coding System      | 99USL           | Changeable Data   |
| SPM.24.9      | Original Text                        | Cool            | Changeable Data   |