## Test Case Information

| LRI_5.6_1.1-GU_FRU - proper NTE use for multiple concepts to be conveyed |  |  |  |
|--|--|--|--|
| Test Case ID LRI_5.6_1.1-GU_FRU  |  |  |  |

# 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.3.2     | Universal ID                    | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
| MSH.3.3     | Universal ID Type               | ISO                         | IG Fixed Data     |
| MSH.4       | Sending Facility                |                             |                   |
| MSH.4.2     | Universal ID                    | 2.16.840.1.113883.3.72.5.21 | Configurable Data |
| MSH.4.3     | Universal ID Type               | ISO                         | IG Fixed Data     |
| MSH.6       | Receiving Facility              |                             |                   |
| MSH.6.2     | Universal ID                    | 2.16.840.1.113883.3.72.5.23 | Configurable Data |
| MSH.6.3     | Universal ID Type               | ISO                         | IG Fixed Data     |
| MSH.7       | Date/Time Of Message            |                             |                   |
| MSH.7.1     | Time                            | 20110531140551-0500         | 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_5.6_1.1-GU_FRU          | 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 | NE                          | 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_GU_Component            | IG Fixed Data     |
| MSH.21[2].3 | Universal ID                    | 2.16.840.1.113883.9.12      | 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               | LAB_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     |
|             |                                 | <del></del>                 | 0                 |

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                       | PATID1239                     | Configurable Data |
| PID.3.4    | Assigning Authority             |                               |                   |
| PID.3.4.2  | Universal ID                    | 2.16.840.1.113883.3.72.5.30.2 | Configurable Data |
| PID.3.4.3  | Universal ID Type               | ISO                           | IG Fixed Data     |
| PID.3.5    | Identifier Type Code            | MR                            | Configurable Data |
| PID.5      | Patient Name                    |                               |                   |
| PID.5.1    | Family Name                     |                               |                   |
| PID.5.1.1  | Surname                         | Smirnoff                      | Changeable Data   |
| PID.5.2    | Given Name                      | Peggy                         | Changeable Data   |
| PID.5.7    | Name Type Code                  | L                             | Changeable Data   |
| PID.7      | Date/Time of Birth              |                               |                   |
| PID.7.1    | Time                            | 19750401                      | Changeable Data   |
| PID.8      | Administrative Sex              | F                             | Changeable Data   |
| PID.10     | Race                            |                               |                   |
| PID.10.1   | Identifier                      | 2106-3                        | Changeable Data   |
| PID.10.2   | Text                            | White                         | Changeable Data   |
| PID.10.3   | Name of Coding System           | HL70005                       | Changeable Data   |
| PID.10.4   | Alternate Identifier            | wh                            | Changeable Data   |
| PID.10.5   | Alternate Text                  | white                         | Changeable Data   |
| PID.10.6   | Name of Alternate Coding System | L                             | Changeable Data   |
| PID.18     | Patient Account Number          |                               |                   |
| PID.18.1   | ID Number                       | PATID1239                     | Configurable Data |
| PID.18.4   | Assigning Authority             |                               |                   |
| PID.18.4.2 | Universal ID                    | 2.16.840.1.113883.3.72.5.30.2 | Configurable Data |
| PID.18.4.3 | Universal ID Type               | ISO                           | IG Fixed Data     |
| PID.18.5   | Identifier Type Code            | MR                            | 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    | ORD448811                   | Changeable Data      |
| ORC.2.3    | Universal ID         | 2.16.840.1.113883.3.72.5.24 | Changeable Data      |
| ORC.2.4    | Universal ID Type    | ISO                         | Changeable Data      |
| ORC.3      | Filler Order Number  |                             |                      |
| ORC.3.1    | Entity Identifier    | R-511                       | Changeable Data      |
| ORC.3.3    | Universal ID         | 2.16.840.1.113883.3.72.5.25 | Changeable Data      |
| ORC.3.4    | Universal ID Type    | ISO                         | IG Fixed 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.12.6   | Prefix (e.g., DR)    | DR                          | Changeable Data      |
| ORC.12.9   | Assigning Authority  |                             |                      |
| ORC.12.9.2 | Universal ID         | 2.16.840.1.113883.4.6       | Changeable Data      |
| ORC.12.9.3 | Universal ID Type    | ISO                         | 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                   | ORD448811                   | Changeable Data      |
| OBR.2.3    | Universal ID                        | 2.16.840.1.113883.3.72.5.24 | Changeable Data      |
| OBR.2.4    | Universal ID Type                   | ISO                         | Changeable Data      |
| OBR.3      | Filler Order Number                 |                             |                      |
| OBR.3.1    | Entity Identifier                   | R-511                       | Changeable Data      |
| OBR.3.3    | Universal ID                        | 2.16.840.1.113883.3.72.5.25 | Changeable Data      |
| OBR.3.4    | Universal ID Type                   | ISO                         | Changeable Data      |
| OBR.4      | Universal Service Identifier        |                             |                      |
| OBR.4.1    | Identifier                          | HepABC Panel                | Changeable Data      |
| OBR.4.2    | Text                                | Hepatitis A B C Panel       | Changeable Data      |
| OBR.4.3    | Name of Coding System               | L                           | Changeable Data      |
| OBR.7      | Observation Date/Time               |                             |                      |
| OBR.7.1    | Time                                | 20120628070100              | Changeable Data      |
| OBR.16     | Ordering Provider                   |                             |                      |
| 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.16.6   | Prefix (e.g., DR)                   | DR                          | Changeable Data      |
| OBR.16.9   | Assigning Authority                 |                             |                      |
| OBR.16.9.2 | Universal ID                        | 2.16.840.1.113883.4.6       | Changeable Data      |
| OBR.16.9.3 | Universal ID Type                   | ISO                         | Changeable Data      |
| OBR.16.10  | Name Type Code                      | L                           | Changeable Data      |
| OBR.16.13  | Identifier Type Code                | NPI                         | Changeable Data      |
| OBR.22     | Results Rpt/Status Chng - Date/Time |                             |                      |
| OBR.22.1   | Time                                | 20110331160428-0800         | Changeable Data      |
| OBR.25     | Result Status                       | F                           | Test Case Fixed Data |

| T 4*       | Data Element  | OBX   | G-4                  |
|------------|---|---|----------------------|
| Location   | Data Element  | Data  | Categorization       |
| OBX.1      | Set ID – OBX  | 1   | IG Fixed Data        |
| OBX.2      | Value Type  | CWE   | Test Case Fixed Data |
| OBX.3      | Observation Identifier                                | 22244   |                      |
| OBX.3.1    | Identifier  | 22314-9   | Test Case Fixed Data |
| OBX.3.2    | Text  | Hepatitis A virus IgM Ab [Presence] in<br>Serum | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System                             | LN  | Test Case Fixed Data |
| OBX.3.4    | Alternate Identifier                                  | HAVM  | Changeable Data      |
| OBX.3.5    | Alternate Text  | Hepatitis A IgM antibodies (IgM anti-HAV)       | Changeable Data      |
| OBX.3.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.5      | Observation Value                                     |   |                      |
| OBX.5.1    | Identifier  | 260385009                                       | Test Case Fixed Data |
| OBX.5.2    | Text  | Negative (qualifier value)                      | Test Case Fixed Data |
| OBX.5.3    | Name of the Coding System                             | SCT   | Test Case Fixed Data |
| OBX.5.4    | Alternate Identifier                                  | NEG   | Changeable Data      |
| OBX.5.5    | Alternate Text  | NEGATIVE  | Changeable Data      |
| OBX.5.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.5.9    | Original Text   | Negative (qualifier value)                      | Changeable Data      |
| OBX.7      | Reference Range                                       | Negative  | Changeable Data      |
| OBX.8      | Abnormal Flags  | N   | Test Case Fixed Data |
| OBX.11     | Observation Result Status                             | F   | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation                          |   |                      |
| OBX.14.1   | Time  | 20120628070100                                  | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                             |   |                      |
| OBX.19.1   | Time  | 20120628100500                                  | 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.23.6.2 | Universal ID  | 2.16.840.1.113883.4.7                           | Changeable Data      |
| OBX.23.6.3 | Universal ID Type                                     | ISO   | IG Fixed 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.24.6   | Country   | USA   | Changeable Data      |
| OBX.24.7   | Address Type  | L   | Changeable Data      |
| OBX.24.9   | County/Parish Code                                    | 06037   | Changeable Data      |
| OBX.25     | Performing Organization Medical<br>Director           |   |                      |
| 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<br>Initials Thereof | J.  | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                                     | Dr.   | Changeable Data      |
| OBX.29     | Observation Type                                      | RSLT  | Test Case Fixed Data |
|            | J P C   |   |                      |

| Location             | Data Element  | OBX Data                                    | Cotogonization                             |
|----------------------|---|---|--|
| OBX.1                | Set ID – OBX  | 2   | Categorization  IG Fixed Data              |
| OBX.1<br>OBX.2       |   | CWE   | Test Case Fixed Data                       |
| OBX.3                | Value Type Observation Identifier                     | CWE   | Test Case Fixed Data                       |
| OBX.3.1              | Identifier  | 20575-7                                     | Test Case Fixed Data                       |
| OBX.3.1<br>OBX.3.2   | Text  |   | Test Case Fixed Data  Test Case Fixed Data |
| OBX.3.2<br>OBX.3.3   |   | Hepatitis A virus Ab [Presence] in Serum LN | Test Case Fixed Data  Test Case Fixed Data |
| OBX.3.4              | Name of the Coding System  Alternate Identifier       | HAVAB                                       | Changeable Data                            |
| OBX.3.5              | Alternate Identifier  Alternate Text                  | Hepatitis A antibodies (anti-HAV)           | Changeable Data  Changeable Data           |
| OBX.3.6              | Name of Alternate Coding System                       | L   | Changeable Data  Changeable Data           |
| OBX.5                | Observation Value                                     | L   | Changeable Data                            |
| OBX.5.1              | Identifier  | 260385009                                   | Test Case Fixed Data                       |
| OBX.5.1<br>OBX.5.2   | Text  | Negative (qualifier value)                  | Test Case Fixed Data  Test Case Fixed Data |
| OBX.5.2<br>OBX.5.3   | Name of the Coding System                             | SCT   | Test Case Fixed Data  Test Case Fixed Data |
| OBX.5.4              | Alternate Identifier                                  | NEG   | Changeable Data                            |
| OBX.5.5              | Alternate Identifier  Alternate Text                  | NEGATIVE                                    | Changeable Data  Changeable Data           |
| OBX.5.6              | Name of Alternate Coding System                       | L   | Changeable Data  Changeable Data           |
| OBX.5.9              | Original Text   | Negative (qualifier value)                  | Changeable Data  Changeable Data           |
| OBX.7                | Reference Range                                       | Negative (quantier value)                   | Changeable Data  Changeable Data           |
| OBX.8                | Abnormal Flags  | N N   | Test Case Fixed Data                       |
| OBX.11               | Observation Result Status                             | F   | Test Case Fixed Data  Test Case Fixed Data |
| OBX.11               | Date/Time of the Observation                          | r   | Test Case Pixed Data                       |
| OBX.14.1             | Time  | 20120628070100                              | Changeable Data                            |
| OBX.14.1             | Date/Time of the Analysis                             | 20120028070100                              | Changeable Data                            |
| OBX.19               | Time  | 20120628100500                              | Changashla Data                            |
| OBX.19.1             | Performing Organization Name                          | 20120028100300                              | Changeable Data                            |
| OBX.23.1             | Organization Name                                     | Continui Hognital                           | Changeable Data                            |
| OBX.23.1<br>OBX.23.6 | Assigning Authority                                   | Century Hospital                            | Changeable Data                            |
| OBX.23.6.1           | Namespace ID  | CLIA  | Changeable Data                            |
| OBX.23.6.2           | Universal ID  | 2.16.840.1.113883.4.7                       | Changeable Data  Changeable Data           |
| OBX.23.6.3           | Universal ID Type                                     | ISO   | IG Fixed Data                              |
| OBX.23.7             | Identifier Type Code                                  | XX  | Changeable Data                            |
| OBX.23.10            | Organization Identifier                               | 24D9871327                                  | Changeable Data                            |
| OBX.24               | Performing Organization Address                       | 2407671327                                  | Changeable Bata                            |
| 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  Changeable Data           |
| OBX.24.4             | State or Province                                     | CA 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  | L   | Changeable Data                            |
| OBX.24.9             | County/Parish Code                                    | 06037                                       | Changeable Data                            |
|                      | Performing Organization Medical                       | 00007                                       | gouoto Duiu                                |
| OBX.25               | Director  |   |  |
| 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<br>Initials Thereof | J.  | Changeable Data                            |
| OBX.25.6             | Prefix (e.g., DR)                                     | Dr.   | Changeable Data                            |
| OBX.29               | Observation Type                                      | RSLT  | Test Case Fixed Data                       |

| Location   | Data Element                                | OBX   | Cotogonization                       |
|------------|---|---|--------------------------------------|
| OBX.1      | Set ID – OBX                                | Data  | Categorization  IG Fixed Data        |
|            |   | 3   |                                      |
| OBX.2      | Value Type                                  | CWE   | Test Case Fixed Data                 |
| OBX.3      | Observation Identifier                      | 16022.4                                       | T (C F ID)                           |
| OBX.3.1    | Identifier                                  | 16933-4                                       | Test Case Fixed Data                 |
| OBX.3.2    | Text  | Hepatitis B virus core Ab [Presence] in Serum | Test Case Fixed Data                 |
| OBX.3.3    | Name of the Coding System                   | LN  | Test Case Fixed Data                 |
| OBX.3.4    | Alternate Identifier                        | HBVcAB  | Changeable Data                      |
| OBX.3.5    | Alternate Text                              | Hepatitis B core antibodies (anti-HBVc)       | Changeable Data                      |
| OBX.3.6    | Name of Alternate Coding System             | L   | Changeable Data                      |
| OBX.5      | Observation Value                           |   |                                      |
| OBX.5.1    | Identifier                                  | 260385009                                     | Test Case Fixed Data                 |
| OBX.5.2    | Text  | Negative (qualifier value)                    | Test Case Fixed Data                 |
| OBX.5.3    | Name of the Coding System                   | SCT   | Test Case Fixed Data                 |
| OBX.5.4    | Alternate Identifier                        | NEG   | Changeable Data                      |
| OBX.5.5    | Alternate Text                              | NEGATIVE                                      | Changeable Data                      |
| OBX.5.6    | Name of Alternate Coding System             | L   | Changeable Data                      |
| OBX.5.9    | Original Text                               | Negative (qualifier value)                    | Changeable Data                      |
| OBX.7      | Reference Range                             | Negative                                      | Changeable Data                      |
| OBX.8      | Abnormal Flags                              | N   | Test Case Fixed Data                 |
| OBX.11     | Observation Result Status                   | F   | Test Case Fixed Data                 |
| OBX.14     | Date/Time of the Observation                |   |                                      |
| OBX.14.1   | Time  | 20120628070100                                | Changeable Data                      |
| OBX.19     | Date/Time of the Analysis                   |   |                                      |
| OBX.19.1   | Time  | 20120628100500                                | 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.23.6.2 | Universal ID                                | 2.16.840.1.113883.4.7                         | Changeable Data                      |
| OBX.23.6.3 | Universal ID Type                           | ISO   | IG Fixed 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.24.6   | Country                                     | USA   | Changeable Data                      |
| OBX.24.7   | Address Type                                | L   | Changeable Data                      |
| OBX.24.9   | County/Parish Code                          | 06037   | Changeable Data                      |
| OBX.25     | Performing Organization Medical<br>Director |   |                                      |
| 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           | J.  | Changeable Data                      |
|            | Initials Thereof                            |   |                                      |
| OBX.25.6   | Prefix (e.g., DR)                           | Dr.   | Changeable Data Toot Coop Fixed Data |
| OBX.29     | Observation Type                            | RSLT  | Test Case Fixed Data                 |

| T 4        | Data Elamant  | OBX   | C-4                  |
|------------|---|---|----------------------|
| Location   | Data Element  | Data  | Categorization       |
| OBX.1      | Set ID – OBX  | 4   | IG Fixed Data        |
| OBX.2      | Value Type  | SN  | Test Case Fixed Data |
| OBX.3      | Observation Identifier                                | 2224  |                      |
| OBX.3.1    | Identifier  | 22316-4   | Test Case Fixed Data |
| OBX.3.2    | Text  | Hepatitis B virus core Ab [Units/volume] in Serum | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System                             | LN  | Test Case Fixed Data |
| OBX.3.4    | Alternate Identifier                                  | HBcAbQ  | Changeable Data      |
| OBX.3.5    | Alternate Text  | Hepatitis B core antibodies (anti-HBVc)<br>Quant  | Changeable Data      |
| OBX.3.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.5      | Observation Value                                     |   |                      |
| OBX.5.2    | Num1  | 0.40  | Test Case Fixed Data |
| OBX.6      | Units   |   |                      |
| OBX.6.1    | Identifier  | [IU]/mL   | Changeable Data      |
| OBX.6.2    | Text  | international unit per milliliter                 | Changeable Data      |
| OBX.6.3    | Name of the Coding System                             | UCUM  | Changeable Data      |
| OBX.6.4    | Alternate Identifier                                  | IU/ml   | Changeable Data      |
| OBX.6.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.7      | Reference Range                                       | <0.50 IU/mL                                       | Changeable Data      |
| OBX.8      | Abnormal Flags  | N   | Test Case Fixed Data |
| OBX.11     | Observation Result Status                             | F   | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation                          |   |                      |
| OBX.14.1   | Time  | 20120628070100                                    | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                             |   |                      |
| OBX.19.1   | Time  | 20120628100500                                    | 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.23.6.2 | Universal ID  | 2.16.840.1.113883.4.7                             | Changeable Data      |
| OBX.23.6.3 | Universal ID Type                                     | ISO   | IG Fixed 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.24.6   | Country   | USA   | Changeable Data      |
| OBX.24.7   | Address Type  | L   | Changeable Data      |
| OBX.24.9   | County/Parish Code                                    | 06037   | Changeable Data      |
| OBX.25     | Performing Organization Medical<br>Director           |   |                      |
| 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<br>Initials Thereof | J.  | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                                     | Dr.   | Changeable Data      |
| OBX.29     | Observation Type                                      | RSLT  | Test Case Fixed Data |
|            |   |   |                      |

| Location          | Doto Floront  | OBX  | Catagoniustica       |
|-------------------|---|--|----------------------|
| Location<br>OBX.1 | Data Element  | Data                                       | Categorization       |
| <u> </u>          | Set ID – OBX  | 5  | IG Fixed Data        |
| OBX.2             | Value Type  | CWE  | Test Case Fixed Data |
| OBX.3             | Observation Identifier                                | 2222                                       |                      |
| OBX.3.1           | Identifier  | 22320-6                                    | Test Case Fixed Data |
| OBX.3.2           | Text  | Hepatitis B virus e Ab [Presence] in Serum | {                    |
| OBX.3.3           | Name of the Coding System                             | LN   | Test Case Fixed Data |
| OBX.3.4           | Alternate Identifier                                  | HBVeAB                                     | Changeable Data      |
| OBX.3.5           | Alternate Text  | Hepatitis B e antibodies (anti-HBVe)       | Changeable Data      |
| OBX.3.6           | Name of Alternate Coding System                       | L  | Changeable Data      |
| OBX.5             | Observation Value                                     |  |                      |
| OBX.5.1           | Identifier  | 260385009                                  | Test Case Fixed Data |
| OBX.5.2           | Text  | Negative (qualifier value)                 | Test Case Fixed Data |
| OBX.5.3           | Name of the Coding System                             | SCT  | Test Case Fixed Data |
| OBX.5.4           | Alternate Identifier                                  | NEG  | Changeable Data      |
| OBX.5.5           | Alternate Text  | NEGATIVE                                   | Changeable Data      |
| OBX.5.6           | Name of Alternate Coding System                       | L  | Changeable Data      |
| OBX.5.9           | Original Text   | Negative (qualifier value)                 | Changeable Data      |
| OBX.7             | Reference Range                                       | Negative                                   | Changeable Data      |
| OBX.8             | Abnormal Flags  | N  | Test Case Fixed Data |
| OBX.11            | Observation Result Status                             | F  | Test Case Fixed Data |
| OBX.14            | Date/Time of the Observation                          |  |                      |
| OBX.14.1          | Time  | 20120628070100                             | Changeable Data      |
| OBX.19            | Date/Time of the Analysis                             |  | -                    |
| OBX.19.1          | Time  | 20120628100500                             | Changeable Data      |
| OBX.23            | Performing Organization Name                          |  |                      |
| OBX.23.1          | Organization Name                                     | Century Hospital                           | Changeable Data      |
| OBX.23.6          | Assigning Authority                                   | 7 1  |                      |
| OBX.23.6.1        | Namespace ID  | CLIA                                       | Changeable Data      |
| OBX.23.6.2        | Universal ID  | 2.16.840.1.113883.4.7                      | Changeable Data      |
| OBX.23.6.3        | Universal ID Type                                     | ISO  | IG Fixed 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.24.6          | Country   | USA  | Changeable Data      |
| OBX.24.7          | Address Type  | L  | Changeable Data      |
| OBX.24.9          | County/Parish Code                                    | 06037                                      | Changeable Data      |
|                   | Performing Organization Medical                       |  |                      |
| OBX.25            | Director  |  |                      |
| 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<br>Initials Thereof | J.   | Changeable Data      |
| OBX.25.6          | Prefix (e.g., DR)                                     | Dr.  | Changeable Data      |
| OBX.29            | Observation Type                                      | RSLT                                       | Test Case Fixed Data |

| Location             | Data Element                                       | OBX  | Cotogonization                |
|----------------------|--|--|-------------------------------|
| OBX.1                | Set ID – OBX                                       | Data   | Categorization  IG Fixed Data |
|                      |  | 6  |                               |
| OBX.2                | Value Type   | CWE  | Test Case Fixed Data          |
| OBX.3                | Observation Identifier                             | 5105.2   | T C F ID                      |
| OBX.3.1              | Identifier   | 5195-3   | Test Case Fixed Data          |
| OBX.3.2              | Text   | Hepatitis B virus surface Ag [Presence] in Serum | Test Case Fixed Data          |
| OBX.3.3              | Name of the Coding System                          | LN   | Test Case Fixed Data          |
| OBX.3.4              | Alternate Identifier                               | HBVsAG   | Changeable Data               |
| OBX.3.5              | Alternate Text                                     | Hepatitis B surface antigen (HBsAg)              | Changeable Data               |
| OBX.3.6              | Name of Alternate Coding System                    | L  | Changeable Data               |
| OBX.5                | Observation Value                                  |  |                               |
| OBX.5.1              | Identifier   | 260385009  | Test Case Fixed Data          |
| OBX.5.2              | Text   | Negative (qualifier value)                       | Test Case Fixed Data          |
| OBX.5.3              | Name of the Coding System                          | SCT  | Test Case Fixed Data          |
| OBX.5.4              | Alternate Identifier                               | NEG  | Changeable Data               |
| OBX.5.5              | Alternate Text                                     | NEGATIVE   | Changeable Data               |
| OBX.5.6              | Name of Alternate Coding System                    | L  | Changeable Data               |
| OBX.5.9              | Original Text                                      | Negative (qualifier value)                       | Changeable Data               |
| OBX.7                | Reference Range                                    | Negative   | Changeable Data               |
| OBX.8                | Abnormal Flags                                     | N  | Test Case Fixed Data          |
| OBX.11               | Observation Result Status                          | F  | Test Case Fixed Data          |
| OBX.14               | Date/Time of the Observation                       |  |                               |
| OBX.14.1             | Time   | 20120628070100                                   | Changeable Data               |
| OBX.19               | Date/Time of the Analysis                          |  |                               |
| OBX.19.1             | Time   | 20120628100500                                   | Changeable Data               |
| OBX.23               | Performing Organization Name                       |  |                               |
| OBX.23.1             | Organization Name                                  | Century Hospital                                 | Changeable Data               |
| OBX.23.6             | Assigning Authority                                | Contary 1100pmar                                 | Changeage Bala                |
| OBX.23.6.1           | Namespace ID                                       | CLIA   | Changeable Data               |
| OBX.23.6.2           | Universal ID                                       | 2.16.840.1.113883.4.7                            | Changeable Data               |
| OBX.23.6.3           | Universal ID Type                                  | ISO  | IG Fixed Data                 |
| OBX.23.7             | Identifier Type Code                               | XX   | Changeable Data               |
| OBX.23.10            | Organization Identifier                            | 24D9871327                                       | Changeable Data               |
| OBX.24               | Performing Organization Address                    | 2407011321                                       | Changeable Bata               |
| 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                                       | L  | Changeable Data               |
| OBX.24.7<br>OBX.24.9 | County/Parish Code                                 | 06037  | Changeable Data               |
| OBA.24.9             | Performing Organization Medical                    | 00037  | Changeable Data               |
| OBX.25               | Director   |  |                               |
| 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               |
|                      |  |  | 1                             |
| OBX.25.6             | Prefix (e.g., DR)                                  | Dr.  | Changeable Data               |

| Location   | Data Element  | OBX  | Catagonization                |
|------------|---|--|-------------------------------|
| OBX.1      | Set ID – OBX  | Data 7   | Categorization  IG Fixed Data |
|            |   | <u>'</u>   |                               |
| OBX.2      | Value Type  | CWE  | Test Case Fixed Data          |
| OBX.3      | Observation Identifier                                | 22222.2  | T (C F ID)                    |
| OBX.3.1    | Identifier  | 22322-2  | Test Case Fixed Data          |
| OBX.3.2    | Text  | Hepatitis B virus surface Ab [Presence] in Serum | Test Case Fixed Data          |
| OBX.3.3    | Name of the Coding System                             | LN   | Test Case Fixed Data          |
| OBX.3.4    | Alternate Identifier                                  | HBVSAB   | Changeable Data               |
| OBX.3.5    | Alternate Text  | Hepatitis B surface antibody (anti-HBVs)         | Changeable Data               |
| OBX.3.6    | Name of Alternate Coding System                       | L  | Changeable Data               |
| OBX.5      | Observation Value                                     |  |                               |
| OBX.5.1    | Identifier  | 260385009  | Test Case Fixed Data          |
| OBX.5.2    | Text  | Negative (qualifier value)                       | Test Case Fixed Data          |
| OBX.5.3    | Name of the Coding System                             | SCT  | Test Case Fixed Data          |
| OBX.5.4    | Alternate Identifier                                  | NEG  | Changeable Data               |
| OBX.5.5    | Alternate Text  | NEGATIVE   | Changeable Data               |
| OBX.5.6    | Name of Alternate Coding System                       | L  | Changeable Data               |
| OBX.5.9    | Original Text   | Negative (qualifier value)                       | Changeable Data               |
| OBX.7      | Reference Range                                       | Negative   | Changeable Data               |
| OBX.8      | Abnormal Flags  | N  | Test Case Fixed Data          |
| OBX.11     | Observation Result Status                             | F  | Test Case Fixed Data          |
| OBX.14     | Date/Time of the Observation                          |  |                               |
| OBX.14.1   | Time  | 20120628070100                                   | Changeable Data               |
| OBX.19     | Date/Time of the Analysis                             |  |                               |
| OBX.19.1   | Time  | 20120628100500                                   | 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.23.6.2 | Universal ID  | 2.16.840.1.113883.4.7                            | Changeable Data               |
| OBX.23.6.3 | Universal ID Type                                     | ISO  | IG Fixed 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.24.6   | Country   | USA  | Changeable Data               |
| OBX.24.7   | Address Type  | L  | Changeable Data               |
| OBX.24.9   | County/Parish Code                                    | 06037  | Changeable Data               |
| OBX.25     | Performing Organization Medical<br>Director           |  |                               |
| 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<br>Initials Thereof | J.   | Changeable Data               |
| OBX.25.6   | Prefix (e.g., DR)                                     | Dr.  | Changeable Data               |
| OBX.29     | Observation Type                                      | RSLT   | Test Case Fixed Data          |
| ODA.23     | Observation Type                                      | NOL I  | Test Case Fixed Data          |

| Location       | Data Element  | OBX Data                                 | Categorization       |
|----------------|---|--|----------------------|
| OBX.1          | Set ID – OBX  | 8<br>8                                   | IG Fixed Data        |
| OBX.1<br>OBX.2 |   | CWE                                      |                      |
|                | Value Type  | CWE                                      | Test Case Fixed Data |
| OBX.3          | Observation Identifier                                | 16120.1                                  | T. C. F. ID.         |
| OBX.3.1        | Identifier  | 16128-1                                  | Test Case Fixed Data |
| OBX.3.2        | Text  | Hepatitis C virus Ab [Presence] in Serum | Test Case Fixed Data |
| OBX.3.3        | Name of the Coding System                             | LN                                       | Test Case Fixed Data |
| OBX.3.4        | Alternate Identifier                                  | HCVAB                                    | Changeable Data      |
| OBX.3.5        | Alternate Text  | Hepatitis C antibody screen (anti-HCV)   | Changeable Data      |
| OBX.3.6        | Name of Alternate Coding System                       | L  | Changeable Data      |
| OBX.5          | Observation Value                                     |  |                      |
| OBX.5.1        | Identifier  | 10828004                                 | Test Case Fixed Data |
| OBX.5.2        | Text  | Positive (qualifier value)               | Test Case Fixed Data |
| OBX.5.3        | Name of the Coding System                             | SCT                                      | Test Case Fixed Data |
| OBX.5.4        | Alternate Identifier                                  | POS                                      | Changeable Data      |
| OBX.5.5        | Alternate Text  | POSITIVE                                 | Changeable Data      |
| OBX.5.6        | Name of Alternate Coding System                       | L  | Changeable Data      |
| OBX.5.9        | Original Text   | Positive (qualifier value)               | Changeable Data      |
| OBX.7          | Reference Range                                       | Negative                                 | Changeable Data      |
| OBX.8          | Abnormal Flags  | A  | Test Case Fixed Data |
| OBX.11         | Observation Result Status                             | F  | Test Case Fixed Data |
| OBX.14         | Date/Time of the Observation                          |  |                      |
| OBX.14.1       | Time  | 20120628070100                           | Changeable Data      |
| OBX.19         | Date/Time of the Analysis                             |  |                      |
| OBX.19.1       | Time  | 20120628100500                           | 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.23.6.2     | Universal ID  | 2.16.840.1.113883.4.7                    | Changeable Data      |
| OBX.23.6.3     | Universal ID Type                                     | ISO                                      | IG Fixed 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.24.6       | Country   | USA                                      | Changeable Data      |
| OBX.24.7       | Address Type  | L  | Changeable Data      |
| OBX.24.9       | County/Parish Code                                    | 06037                                    | Changeable Data      |
|                | Performing Organization Medical                       |  |                      |
| OBX.25         | Director  |  |                      |
| 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<br>Initials Thereof | J.                                       | Changeable Data      |
| OBX.25.6       | Prefix (e.g., DR)                                     | Dr.                                      | Changeable Data      |
| OBX.29         | Observation Type                                      | RSLT                                     | Test Case Fixed Data |

| T (*       | D ( El  | OBX   |                      |
|------------|---|---|----------------------|
| Location   | Data Element  | Data  | Categorization       |
| OBX.1      | Set ID – OBX  | 9   | IG Fixed Data        |
| OBX.2      | Value Type  | SN  | Test Case Fixed Data |
| OBX.3      | Observation Identifier                                |   |                      |
| OBX.3.1    | Identifier  | 48159-8   | Test Case Fixed Data |
| OBX.3.2    | Text  | Hepatitis C virus Ab Signal/Cutoff in<br>Serum or Plasma by Immunoassay | Test Case Fixed Data |
| OBX.3.3    | Name of the Coding System                             | LN  | Test Case Fixed Data |
| OBX.3.4    | Alternate Identifier                                  | HCVSCO  | Changeable Data      |
| OBX.3.5    | Alternate Text  | Hepatitis C antibodies Signal to Cut-off Ratio                          | Changeable Data      |
| OBX.3.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.5      | Observation Value                                     |   |                      |
| OBX.5.2    | Num1  | 10.8  | Test Case Fixed Data |
| OBX.6      | Units   |   |                      |
| OBX.6.1    | Identifier  | {s_co_ratio}  | Changeable Data      |
| OBX.6.2    | Text  | Signal to cutoff ratio  | Changeable Data      |
| OBX.6.3    | Name of the Coding System                             | UCUM  | Changeable Data      |
| OBX.6.4    | Alternate Identifier                                  | s/co  | Changeable Data      |
| OBX.6.6    | Name of Alternate Coding System                       | L   | Changeable Data      |
| OBX.7      | Reference Range                                       | 0.0-0.9 s/co  | Changeable Data      |
| OBX.8      | Abnormal Flags  | Н   | Test Case Fixed Data |
| OBX.11     | Observation Result Status                             | F   | Test Case Fixed Data |
| OBX.14     | Date/Time of the Observation                          |   |                      |
| OBX.14.1   | Time  | 20120628070100  | Changeable Data      |
| OBX.19     | Date/Time of the Analysis                             |   |                      |
| OBX.19.1   | Time  | 20120628100500  | 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.23.6.2 | Universal ID  | 2.16.840.1.113883.4.7   | Changeable Data      |
| OBX.23.6.3 | Universal ID Type                                     | ISO   | IG Fixed 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.24.6   | Country   | USA   | Changeable Data      |
| OBX.24.7   | Address Type  | L   | Changeable Data      |
| OBX.24.9   | County/Parish Code                                    | 06037   | Changeable Data      |
| OBX.25     | Performing Organization Medical<br>Director           |   |                      |
| 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<br>Initials Thereof | J.  | Changeable Data      |
| OBX.25.6   | Prefix (e.g., DR)                                     | Dr.   | Changeable Data      |
| OBX.29     | Observation Type                                      | RSLT  | Test Case Fixed Data |
| ~ L712.27  | Soci tudon 1 jpc                                      | 1001  | 1001 Cube I Incu Dum |

NTE

| Location | Data Element | Data   | Categorization  |
|----------|--------------|--|-----------------|
| NTE.1    | Set ID – NTE | 1  | IG Fixed Data   |
| NTE.3    | I Comment    | Negative: < 0.8; Indeterminate 0.8 - 0.9;<br>Positive: > 0.9 | Changeable Data |

# NTE

| Location | Data Element | Data  | Categorization  |
|----------|--------------|---|-----------------|
| NTE.1    | Set ID – NTE | 2   | IG Fixed Data   |
| NTE.3    |              | In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing. | Changeable Data |

# SPM

| Location   | Data Element                  | Data                        | Categorization    |
|------------|-------------------------------|-----------------------------|-------------------|
| SPM.1      | Set ID – SPM                  | 1                           | IG Fixed Data     |
| SPM.2      | Specimen ID                   |                             |                   |
| SPM.2.1    |                               |                             |                   |
| SPM.2.1.1  |                               | S2015-777888                | Changeable Data   |
| SPM.2.1.3  |                               | 2.16.840.1.113883.3.72.5.24 | Changeable Data   |
| SPM.2.1.4  |                               | ISO                         | IG Fixed Data     |
| SPM.2.2    |                               |                             |                   |
| SPM.2.2.1  |                               | S-220713-1                  | Changeable Data   |
| SPM.2.2.3  |                               | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
| SPM.2.2.4  |                               | ISO                         | IG Fixed Data     |
| SPM.4      | Specimen Type                 |                             |                   |
| 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.4.9    | Original Text                 | Blood                       | Changeable Data   |
| SPM.17     | Specimen Collection Date/Time |                             |                   |
| SPM.17.1   | Range Start Date/Time         |                             |                   |
| SPM.17.1.1 | Time                          | 20110531123551-0800         | Changeable Data   |

## ORC

| Data Element         | Data  | Categorization  |
|----------------------|---|---|
| Order Control        | RE  | Test Case Fixed Data  |
| Filler Order Number  |   |   |
| Entity Identifier    | R-512   | Changeable Data   |
| Universal ID         | 2.16.840.1.113883.3.72.5.25   | Changeable Data   |
| Universal ID Type    | ISO   | IG Fixed Data   |
| Ordering Provider    |   |   |
| ID Number            | 5742200012  | Changeable Data   |
| Family Name          |   |   |
| Surname              | Radon   | Changeable Data   |
| Given Name           | Nicholas  | Changeable Data   |
| Prefix (e.g., DR)    | DR  | Changeable Data   |
| Assigning Authority  |   |   |
| Universal ID         | 2.16.840.1.113883.4.6   | Changeable Data   |
| Universal ID Type    | ISO   | Changeable Data   |
| Name Type Code       | L   | Changeable Data   |
| Identifier Type Code | NPI   | Changeable Data   |
|                      | Order Control  Filler Order Number  Entity Identifier Universal ID Universal ID Type Ordering Provider ID Number Family Name Surname Given Name Prefix (e.g., DR) Assigning Authority Universal ID Universal ID Type Name Type Code | Order Control         RE           Filler Order Number         R-512           Entity Identifier         R-512           Universal ID         2.16.840.1.113883.3.72.5.25           Universal ID Type         ISO           Ordering Provider         ID Number           ID Number         5742200012           Family Name         Radon           Given Name         Nicholas           Prefix (e.g., DR)         DR           Assigning Authority         Universal ID           Universal ID Type         ISO           Name Type Code         L |

OBR

| Location   | Data Element                        | OBR Data  | Categorization       |
|------------|-------------------------------------|---|----------------------|
| OBR.1      | Set ID - OBR                        | 2   | IG Fixed Data        |
| OBR.3      | Filler Order Number                 |   | 10 Tixed Build       |
| OBR.3.1    | Entity Identifier                   | R-512   | Changeable Data      |
| OBR.3.3    | Universal ID                        | 2.16.840.1.113883.3.72.5.25   | Changeable Data      |
| OBR.3.4    | Universal ID Type                   | ISO   | Changeable Data      |
| OBR.4      | Universal Service Identifier        |   | Shangeacte Data      |
| OBR.4.1    | Identifier                          | 11011-4   | Test Case Fixed Data |
| OBR.4.2    | Text                                | Hepatitis C virus RNA [Units/volume]<br>(viral load) in Serum or Plasma by Probe<br>and target amplification method | Test Case Fixed Data |
| OBR.4.3    | Name of Coding System               | LN  | Test Case Fixed Data |
| OBR.4.4    | Alternate Identifier                | HCVRNA  | Changeable Data      |
| OBR.4.5    | Alternate Text                      | Hepatitis C RNA PCR   | Changeable Data      |
| OBR.4.6    | Name of Alternate Coding System     | L   | Changeable Data      |
| OBR.7      | Observation Date/Time               |   |                      |
| OBR.7.1    | Time                                | 20120628070100  | Changeable Data      |
| OBR.11     | Specimen Action Code                | G   | Test Case Fixed Data |
| OBR.16     | Ordering Provider                   |   |                      |
| 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.16.6   | Prefix (e.g., DR)                   | DR  | Changeable Data      |
| OBR.16.9   | Assigning Authority                 |   |                      |
| OBR.16.9.2 | Universal ID                        | 2.16.840.1.113883.4.6   | Changeable Data      |
| OBR.16.9.3 | Universal ID Type                   | ISO   | Changeable Data      |
| OBR.16.10  | Name Type Code                      | L   | Changeable Data      |
| OBR.16.13  | Identifier Type Code                | NPI   | Changeable Data      |
| OBR.22     | Results Rpt/Status Chng - Date/Time |   |                      |
| OBR.22.1   | Time                                | 20110331160428-0800   | Changeable Data      |
| OBR.25     | Result Status                       | С   | Test Case Fixed Data |
| OBR.26     | Parent Result                       |   |                      |
| OBR.26.1   | Parent Observation Identifier       |   |                      |
| OBR.26.1.1 | Identifier                          | 16128-1   | Test Case Fixed Data |
| OBR.26.1.2 | Text                                | Hepatitis C virus Ab [Presence] in Serum  | Test Case Fixed Data |
| OBR.26.1.3 | Name of the Coding System           | LN  | Test Case Fixed Data |
| OBR.26.1.4 | Alternate Identifier                | HCVAB   | Changeable Data      |
| OBR.26.1.5 | Alternate Text                      | Hepatitis C antibody screen (anti-HCV)  | Changeable Data      |
| OBR.26.1.6 | Name of Alternate Coding System     | L   | Changeable Data      |
| OBR.29     | Parent                              |   |                      |
| OBR.29.1   | Placer Assigned Identifier          |   |                      |
| OBR.29.1.1 | Entity Identifier                   | ORD448811   | Changeable Data      |
| OBR.29.1.3 | Universal ID                        | 2.16.840.1.113883.3.72.5.24   | Changeable Data      |
| OBR.29.1.4 | Universal ID Type                   | ISO   | Changeable Data      |
| OBR.29.2   | Filler Assigned Identifier          |   |                      |
| OBR.29.2.1 | Entity Identifier                   | R-511   | Changeable Data      |
| OBR.29.2.3 | Universal ID                        | 2.16.840.1.113883.3.72.5.25   | Changeable Data      |
| OBR.29.2.4 | Universal ID Type                   | ISO   | Changeable Data      |

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