

## Test Case Information

| LRI_4.1_3.1-NG_FRU - Culture-Escherichia coli, Salmonella, Shigella - Parent/Child Susceptibility - Correction |                    |
|--|--------------------|
| Test Case ID   | LRI_4.1_3.1-NG_FRU |

## 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 |
| <b>MSH.4</b>     | <b>Sending Facility</b>                |                        |                   |
| MSH.4.1          | Namespace ID                           | NIST Lab Facility      | Configurable Data |
| <b>MSH.6</b>     | <b>Receiving Facility</b>              |                        |                   |
| MSH.6.1          | Namespace ID                           | NIST EHR Facility      | Configurable Data |
| <b>MSH.7</b>     | <b>Date/Time Of Message</b>            |                        |                   |
| MSH.7.1          | Time                                   | 20110601192504-0800    | 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_4.1_3.1-NG_FRU     | 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> | NE                     | IG Fixed Data     |
| <b>MSH.21</b>    | <b>Message Profile Identifier</b>      |                        |                   |
| MSH.21.1         | Entity Identifier                      | LRI_Common_Component   | IG Fixed Data     |
| MSH.21.3         | 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].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].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   | 19610627  | 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 Coding System                              | HL70005   | 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                               | MR        | 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          | ORD723222-4     | 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-783274-4      | Changeable Data      |
| ORC.3.2       | Namespace ID               | NIST Lab Filler | Changeable Data      |
| <b>ORC.4</b>  | <b>Placer Group Number</b> |                 |                      |
| ORC.4.1       | Entity Identifier          | GORD874211      | Changeable Data      |
| ORC.4.2       | Namespace ID               | NIST EHR        | Changeable Data      |
| <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.12.9      | 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                          | ORD723222-4                             | 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-783274-4                              | 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                                 | 625-4                                   | Test Case Fixed Data |
| OBR.4.2          | Text                                       | Bacteria identified in Stool by Culture | Test Case Fixed Data |
| OBR.4.3          | Name of Coding System                      | LN                                      | Test Case Fixed Data |
| OBR.4.4          | Alternate Identifier                       | 3456543                                 | Changeable Data      |
| OBR.4.5          | Alternate Text                             | CULTURE STOOL                           | Changeable Data      |
| OBR.4.6          | Name of Alternate Coding System            | 99USL                                   | Changeable Data      |
| OBR.4.9          | Original Text                              | Stool Culture                           | Changeable Data      |
| <b>OBR.7</b>     | <b>Observation Date/Time</b>               |   |                      |
| OBR.7.1          | Time                                       | 20110530123551-0800                     | 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.16.9         | 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                                       | 20110531160428-0800                     | Changeable Data      |
| <b>OBR.25</b>    | <b>Result Status</b>                       | F                                       | 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.28.9         | 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.28[2]</b> | <b>Result Copies To</b>                    |   |                      |
| OBR.28[2].1      | ID Number                                  | 2129416824                              | Changeable Data      |

## OBX

| Location      | Data Element                                       | Data   | Categorization       |
|---------------|--|--|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 1  | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | CWE  | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |  |                      |
| OBX.3.1       | Identifier   | 625-4  | Test Case Fixed Data |
| OBX.3.2       | Text   | Bacteria identified in Stool by Culture              | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN   | Test Case Fixed Data |
| OBX.3.9       | Original Text                                      | Stool Culture  | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1  | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |  |                      |
| OBX.5.1       | Identifier   | 103429008  | Changeable Data      |
| OBX.5.2       | Text   | Enterohemorrhagic Escherichia coli, serotype O157:H7 | Changeable Data      |
| OBX.5.3       | Name of the Coding System                          | SCT  | Changeable Data      |
| OBX.5.9       | Original Text                                      | Shiga toxin producing E. coli O157:H7 isolated       | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | A  | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F  | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |  |                      |
| OBX.14.1      | Time   | 20110530123551-0800                                  | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |  |                      |
| OBX.19.1      | Time   | 20110601130655-0800                                  | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |  |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital                                     | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |  |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA   | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX   | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327   | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |  |                      |
| OBX.24.1      | Street Address                                     |  |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park                                       | Changeable Data      |
| OBX.24.3      | City   | Los Angeles  | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA   | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067  | Changeable Data      |
| OBX.24.7      | Address Type                                       | L  | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |  |                      |
| OBX.25.1      | ID Number  | 2343242  | 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.25.9      | Assigning Authority                                |  |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1  | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L  | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN   | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT   | Test Case Fixed Data |

## NTE

| Location | Data Element | Data  | Categorization  |
|----------|--------------|---|-----------------|
| NTE.1    | Set ID – NTE | 1   | IG Fixed Data   |
| NTE.3    | Comment      | Susceptibility testing for E.coli is not performed, because antibiotics should not be used to treat this infection. There is no evidence that treatment with antibiotics is helpful, and taking antibiotics may increase the risk of hemolytic-uremic syndrome (HUS). Antidiarrheal agents like Imodium® may also increase that risk. Non-specific supportive therapy, including hydration, is important. | Changeable Data |

## OBX

| Location      | Data Element                                       | Data                                    | Categorization       |
|---------------|--|---|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 2                                       | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | CWE                                     | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |   |                      |
| OBX.3.1       | Identifier   | 625-4                                   | Test Case Fixed Data |
| OBX.3.2       | Text   | Bacteria identified in Stool by Culture | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN                                      | Test Case Fixed Data |
| OBX.3.9       | Original Text                                      | Stool Culture                           | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 2                                       | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |   |                      |
| OBX.5.1       | Identifier   | 398567006                               | Changeable Data      |
| OBX.5.2       | Text   | Salmonella I, group O:4                 | Changeable Data      |
| OBX.5.3       | Name of the Coding System                          | SCT                                     | Changeable Data      |
| OBX.5.9       | Original Text                                      | Salmonella I, group O:4 isolated        | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | A                                       | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F                                       | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |   |                      |
| OBX.14.1      | Time   | 20110530123551-0800                     | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |   |                      |
| OBX.19.1      | Time   | 20110601130655-0800                     | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |   |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital                        | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |   |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA                                    | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX                                      | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327                              | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |   |                      |
| OBX.24.1      | Street Address                                     |   |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park                          | Changeable Data      |
| OBX.24.3      | City   | Los Angeles                             | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA                                      | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067                                   | Changeable Data      |
| OBX.24.7      | Address Type                                       | L                                       | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |   |                      |
| OBX.25.1      | ID Number  | 2343242                                 | 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.25.9      | Assigning Authority                                |   |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1                               | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L                                       | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN                                      | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT                                    | Test Case Fixed Data |

NTE

| Location | Data Element | Data   | Categorization  |
|----------|--------------|--|-----------------|
| NTE.1    | Set ID – NTE | 1  | IG Fixed Data   |
| NTE.3    | Comment      | Salmonella gastrointestinal infections usually resolve in 5-7 days and most do not require treatment other than oral fluids. Persons with severe diarrhea may require rehydration with intravenous fluids. Antibiotic therapy can prolong the duration of excretion of non-typhoidal Salmonella and is recommended only for patients with severe illness (e.g., those with severe diarrhea, high fever, bloodstream infection, or who need hospitalization) or those at risk of severe disease or complications, including young infants, older adults (over 65 years old) and immunocompromised persons. Antibiotic resistance is increasing among some Salmonella bacteria; therefore, susceptibility testing can help guide appropriate therapy. Choices for antibiotic therapy for severe infections include fluoroquinolones, third-generation cephalosporins, and ampicillin (for susceptible infections). | Changeable Data |

## OBX

| Location      | Data Element                                       | Data                                    | Categorization       |
|---------------|--|---|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 3                                       | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | CWE                                     | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |   |                      |
| OBX.3.1       | Identifier   | 625-4                                   | Test Case Fixed Data |
| OBX.3.2       | Text   | Bacteria identified in Stool by Culture | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN                                      | Test Case Fixed Data |
| OBX.3.9       | Original Text                                      | Stool Culture                           | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 3                                       | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |   |                      |
| OBX.5.1       | Identifier   | 85729005                                | Changeable Data      |
| OBX.5.2       | Text   | Shigella flexneri                       | Changeable Data      |
| OBX.5.3       | Name of the Coding System                          | SCT                                     | Changeable Data      |
| OBX.5.9       | Original Text                                      | Shigella flexneri isolated              | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | A                                       | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F                                       | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |   |                      |
| OBX.14.1      | Time   | 20110530123551-0800                     | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |   |                      |
| OBX.19.1      | Time   | 20110601130655-0800                     | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |   |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital                        | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |   |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA                                    | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX                                      | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327                              | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |   |                      |
| OBX.24.1      | Street Address                                     |   |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park                          | Changeable Data      |
| OBX.24.3      | City   | Los Angeles                             | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA                                      | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067                                   | Changeable Data      |
| OBX.24.7      | Address Type                                       | L                                       | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |   |                      |
| OBX.25.1      | ID Number  | 2343242                                 | 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.25.9      | Assigning Authority                                |   |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1                               | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L                                       | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN                                      | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT                                    | Test Case Fixed Data |



## NTE

| Location | Data Element | Data   | Categorization  |
|----------|--------------|--|-----------------|
| NTE.1    | Set ID – NTE | 1  | IG Fixed Data   |
| NTE.3    | Comment      | Antibiotic treatment is recommended for patients with severe disease, bloody diarrhea, or compromised immune systems. Resistance to traditional first-line drugs like ampicillin and trimethoprim-sulfamethoxazole is common, and resistance to some other antibiotics is increasing. With this in mind, antibiotic susceptibility testing can help guide appropriate therapy. When an ampicillin- or trimethoprim-sulfamethoxazole-resistant strain is isolated, choices for therapy include fluoroquinolones, ceftriaxone, and azithromycin. | 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  |                               | 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   |
| SPM.4      | Specimen Type                 |                     |                   |
| SPM.4.1    | Identifier                    | 119339001           | Changeable Data   |
| SPM.4.2    | Text                          | Stool specimen      | Changeable Data   |
| SPM.4.3    | Name of the Coding System     | SCT                 | Changeable Data   |
| SPM.4.9    | Original Text                 | Stool               | Changeable Data   |
| SPM.17     | Specimen Collection Date/Time |                     |                   |
| SPM.17.1   | Range Start Date/Time         |                     |                   |
| SPM.17.1.1 | Time                          | 20110530123551-0800 | Changeable Data   |

## ORC

| Location   | Data Element         | Data            | Categorization       |
|------------|----------------------|-----------------|----------------------|
| ORC.1      | Order Control        | RE              | Test Case Fixed Data |
| ORC.3      | Filler Order Number  |                 |                      |
| ORC.3.1    | Entity Identifier    | R-783274-6      | Changeable Data      |
| ORC.3.2    | Namespace ID         | NIST Lab Filler | Changeable Data      |
| ORC.4      | Placer Group Number  |                 |                      |
| ORC.4.1    | Entity Identifier    | GORD874211      | Changeable Data      |
| ORC.4.2    | Namespace ID         | NIST EHR        | Changeable Data      |
| ORC.12     | Ordering Provider    |                 |                      |
| ORC.12.1   | ID Number            | 5742200012      | Changeable Data      |
| ORC.12.2   | Family Name          |                 |                      |
| ORC.12.2.1 | Surname              | Radon           | Changeable Data      |
| ORC.12.3   | Given Name           | Nicholas        | Changeable Data      |
| ORC.12.9   | 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>                        | 2   | IG Fixed Data        |
| <b>OBR.3</b>  | <b>Filler Order Number</b>                 |   |                      |
| OBR.3.1       | Entity Identifier                          | R-783274-6  | 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                                 | 50545-3   | Test Case Fixed Data |
| OBR.4.2       | Text                                       | Bacterial susceptibility panel in Isolate by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBR.4.3       | Name of Coding System                      | LN  | Test Case Fixed Data |
| OBR.4.9       | Original Text                              | Bacteria susceptibility   | Changeable Data      |
| <b>OBR.7</b>  | <b>Observation Date/Time</b>               |   |                      |
| OBR.7.1       | Time                                       | 20110530123551-0800   | Changeable Data      |
| <b>OBR.11</b> | <b>Specimen Action Code</b>                | G   | Test Case Fixed 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.16.9      | 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                                       | 20110601140428-0800   | Changeable Data      |
| <b>OBR.25</b> | <b>Result Status</b>                       | F   | Test Case Fixed Data |
| <b>OBR.26</b> | <b>Parent Result</b>                       |   |                      |
| OBR.26.1      | Parent Observation Identifier              |   |                      |
| OBR.26.1.1    | Identifier                                 | 625-4   | Test Case Fixed Data |
| OBR.26.1.2    | Text                                       | Bacteria identified in Stool by Culture   | Test Case Fixed Data |
| OBR.26.1.3    | Name of the Coding System                  | LN  | Test Case Fixed Data |
| OBR.26.1.9    | Original Text                              | Stool Culture   | Changeable Data      |
| OBR.26.2      | Parent Observation Sub-Identifier          | 2   | Changeable 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.28.9      | 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.29</b> | <b>Parent</b>                              |   |                      |
| OBR.29.1      | Placer Assigned Identifier                 |   |                      |
| OBR.29.1.1    | Entity Identifier                          | ORD723222-4   | Changeable Data      |
| OBR.29.1.2    | Namespace ID                               | NIST EHR  | Changeable Data      |
| OBR.29.2      | Filler Assigned Identifier                 |   |                      |
| OBR.29.2.1    | Entity Identifier                          | R-783274-4  | Changeable Data      |
| OBR.29.2.2    | Namespace ID                               | NIST Lab Filler   | Changeable Data      |

## OBX

| Location      | Data Element                                       | Data  | Categorization       |
|---------------|--|---|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 1   | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN  | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |   |                      |
| OBX.3.1       | Identifier   | 28-1  | Test Case Fixed Data |
| OBX.3.2       | Text   | Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN  | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1   | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |   |                      |
| OBX.5.1       | Comparator   | <   | Test Case Fixed Data |
| OBX.5.2       | Num1   | 0.06  | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                       |   |                      |
| OBX.6.1       | Identifier   | ug/mL   | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM  | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | S   | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F   | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |   |                      |
| OBX.14.1      | Time   | 20110530123551-0800   | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |   |                      |
| OBX.19.1      | Time   | 20110601130655-0800   | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |   |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital  | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |   |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA  | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX  | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327  | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |   |                      |
| OBX.24.1      | Street Address                                     |   |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park  | Changeable Data      |
| OBX.24.3      | City   | Los Angeles   | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA  | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067   | Changeable Data      |
| OBX.24.7      | Address Type                                       | L   | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |   |                      |
| OBX.25.1      | ID Number  | 2343242   | 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.25.9      | Assigning Authority                                |   |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1   | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L   | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN  | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT  | Test Case Fixed Data |

## OBX

| Location      | Data Element                                       | Data  | Categorization       |
|---------------|--|---|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 2   | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN  | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |   |                      |
| OBX.3.1       | Identifier   | 267-5   | Test Case Fixed Data |
| OBX.3.2       | Text   | Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN  | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1   | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |   |                      |
| OBX.5.2       | Num1   | 0.05  | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                       |   |                      |
| OBX.6.1       | Identifier   | ug/mL   | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM  | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | S   | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F   | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |   |                      |
| OBX.14.1      | Time   | 20110530123551-0800   | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |   |                      |
| OBX.19.1      | Time   | 20110601130655-0800   | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |   |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital  | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |   |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA  | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX  | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327  | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |   |                      |
| OBX.24.1      | Street Address                                     |   |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park  | Changeable Data      |
| OBX.24.3      | City   | Los Angeles   | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA  | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067   | Changeable Data      |
| OBX.24.7      | Address Type                                       | L   | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |   |                      |
| OBX.25.1      | ID Number  | 2343242   | 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.25.9      | Assigning Authority                                |   |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1   | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L   | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN  | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT  | Test Case Fixed Data |

## OBX

| Location      | Data Element                                       | Data   | Categorization       |
|---------------|--|--|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 3  | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN   | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |  |                      |
| OBX.3.1       | Identifier   | 185-9  | Test Case Fixed Data |
| OBX.3.2       | Text   | Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN   | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1  | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |  |                      |
| OBX.5.2       | Num1   | 0.05   | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                       |  |                      |
| OBX.6.1       | Identifier   | ug/mL  | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM   | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | S  | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F  | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |  |                      |
| OBX.14.1      | Time   | 20110530123551-0800  | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |  |                      |
| OBX.19.1      | Time   | 20110601130655-0800  | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |  |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital   | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |  |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA   | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX   | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327   | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |  |                      |
| OBX.24.1      | Street Address                                     |  |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City   | Los Angeles  | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA   | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067  | Changeable Data      |
| OBX.24.7      | Address Type                                       | L  | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |  |                      |
| OBX.25.1      | ID Number  | 2343242  | 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.25.9      | Assigning Authority                                |  |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1  | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L  | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN   | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT   | Test Case Fixed Data |

ORC

| Location      | Data Element               | Data            | Categorization       |
|---------------|----------------------------|-----------------|----------------------|
| <b>ORC.1</b>  | <b>Order Control</b>       | RE              | Test Case Fixed Data |
| <b>ORC.3</b>  | <b>Filler Order Number</b> |                 |                      |
| ORC.3.1       | Entity Identifier          | R-783274-7      | Changeable Data      |
| ORC.3.2       | Namespace ID               | NIST Lab Filler | Changeable Data      |
| <b>ORC.4</b>  | <b>Placer Group Number</b> |                 |                      |
| ORC.4.1       | Entity Identifier          | GORD874211      | Changeable Data      |
| ORC.4.2       | Namespace ID               | NIST EHR        | Changeable Data      |
| <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.12.9      | 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>                        | 3   | IG Fixed Data        |
| <b>OBR.3</b>  | <b>Filler Order Number</b>                 |   |                      |
| OBR.3.1       | Entity Identifier                          | R-783274-7  | 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                                 | 50545-3   | Test Case Fixed Data |
| OBR.4.2       | Text                                       | Bacterial susceptibility panel in Isolate by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBR.4.3       | Name of Coding System                      | LN  | Test Case Fixed Data |
| OBR.4.9       | Original Text                              | Bacteria susceptibility   | Changeable Data      |
| <b>OBR.7</b>  | <b>Observation Date/Time</b>               |   |                      |
| OBR.7.1       | Time                                       | 20110530123551-0800   | Changeable Data      |
| <b>OBR.11</b> | <b>Specimen Action Code</b>                | G   | Test Case Fixed 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.16.9      | 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                                       | 20110601192428-0800   | Changeable Data      |
| <b>OBR.25</b> | <b>Result Status</b>                       | C   | Test Case Fixed Data |
| <b>OBR.26</b> | <b>Parent Result</b>                       |   |                      |
| OBR.26.1      | Parent Observation Identifier              |   |                      |
| OBR.26.1.1    | Identifier                                 | 625-4   | Test Case Fixed Data |
| OBR.26.1.2    | Text                                       | Bacteria identified in Stool by Culture   | Test Case Fixed Data |
| OBR.26.1.3    | Name of the Coding System                  | LN  | Test Case Fixed Data |
| OBR.26.1.9    | Original Text                              | Stool Culture   | Changeable Data      |
| OBR.26.2      | Parent Observation Sub-Identifier          | 3   | Changeable 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.28.9      | 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.29</b> | <b>Parent</b>                              |   |                      |
| OBR.29.1      | Placer Assigned Identifier                 |   |                      |
| OBR.29.1.1    | Entity Identifier                          | ORD723222-4   | Changeable Data      |
| OBR.29.1.2    | Namespace ID                               | NIST EHR  | Changeable Data      |
| OBR.29.2      | Filler Assigned Identifier                 |   |                      |
| OBR.29.2.1    | Entity Identifier                          | R-783274-4  | Changeable Data      |
| OBR.29.2.2    | Namespace ID                               | NIST Lab Filler   | Changeable Data      |

## OBX

| Location      | Data Element                                       | Data  | Categorization       |
|---------------|--|---|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 1   | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN  | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |   |                      |
| OBX.3.1       | Identifier   | 28-1  | Test Case Fixed Data |
| OBX.3.2       | Text   | Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN  | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1   | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |   |                      |
| OBX.5.1       | Comparator   | <   | Test Case Fixed Data |
| OBX.5.2       | Num1   | 16  | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                       |   |                      |
| OBX.6.1       | Identifier   | ug/mL   | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM  | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | I   | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F   | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |   |                      |
| OBX.14.1      | Time   | 20110530123551-0800   | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |   |                      |
| OBX.19.1      | Time   | 20110601130655-0800   | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |   |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital  | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |   |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA  | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX  | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327  | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |   |                      |
| OBX.24.1      | Street Address                                     |   |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park  | Changeable Data      |
| OBX.24.3      | City   | Los Angeles   | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA  | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067   | Changeable Data      |
| OBX.24.7      | Address Type                                       | L   | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |   |                      |
| OBX.25.1      | ID Number  | 2343242   | 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.25.9      | Assigning Authority                                |   |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1   | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L   | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN  | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT  | Test Case Fixed Data |



## OBX

| Location      | Data Element                                       | Data   | Categorization       |
|---------------|--|--|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 2  | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN   | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |  |                      |
| OBX.3.1       | Identifier   | 516-5  | Test Case Fixed Data |
| OBX.3.2       | Text   | Trimethoprim+Sulfamethoxazole<br>[Susceptibility] by Minimum inhibitory<br>concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN   | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1  | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |  |                      |
| OBX.5.2       | Num1   | 2  | Test Case Fixed Data |
| OBX.5.3       | Separator/Suffix                                   | /  |                      |
| OBX.5.4       | Num2   | 38   |                      |
| <b>OBX.6</b>  | <b>Units</b>                                       |  |                      |
| OBX.6.1       | Identifier   | ug/mL  | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM   | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | S  | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F  | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |  |                      |
| OBX.14.1      | Time   | 20110530123551-0800  | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |  |                      |
| OBX.19.1      | Time   | 20110601130655-0800  | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |  |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital   | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |  |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA   | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX   | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327   | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |  |                      |
| OBX.24.1      | Street Address                                     |  |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City   | Los Angeles  | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA   | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067  | Changeable Data      |
| OBX.24.7      | Address Type                                       | L  | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |  |                      |
| OBX.25.1      | ID Number  | 2343242  | 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.25.9      | Assigning Authority                                |  |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1  | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L  | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN   | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT   | Test Case Fixed Data |

## OBX

| Location      | Data Element                                       | Data   | Categorization       |
|---------------|--|--|----------------------|
| <b>OBX.1</b>  | <b>Set ID – OBX</b>                                | 3  | IG Fixed Data        |
| <b>OBX.2</b>  | <b>Value Type</b>                                  | SN   | Test Case Fixed Data |
| <b>OBX.3</b>  | <b>Observation Identifier</b>                      |  |                      |
| OBX.3.1       | Identifier   | 185-9  | Test Case Fixed Data |
| OBX.3.2       | Text   | Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC) | Test Case Fixed Data |
| OBX.3.3       | Name of the Coding System                          | LN   | Test Case Fixed Data |
| OBX.3.9       | Original Text                                      | CIPROFLOXACIN  | Test Case Fixed Data |
| <b>OBX.4</b>  | <b>Observation Sub-ID</b>                          | 1  | Changeable Data      |
| <b>OBX.5</b>  | <b>Observation Value</b>                           |  |                      |
| OBX.5.2       | Num1   | 0.05   | Test Case Fixed Data |
| <b>OBX.6</b>  | <b>Units</b>                                       |  |                      |
| OBX.6.1       | Identifier   | ug/mL  | Changeable Data      |
| OBX.6.3       | Name of the Coding System                          | UCUM   | Changeable Data      |
| <b>OBX.8</b>  | <b>Abnormal Flags</b>                              | S  | Test Case Fixed Data |
| <b>OBX.11</b> | <b>Observation Result Status</b>                   | F  | Test Case Fixed Data |
| <b>OBX.14</b> | <b>Date/Time of the Observation</b>                |  |                      |
| OBX.14.1      | Time   | 20110530123551-0800  | Changeable Data      |
| <b>OBX.19</b> | <b>Date/Time of the Analysis</b>                   |  |                      |
| OBX.19.1      | Time   | 20110601130655-0800  | Changeable Data      |
| <b>OBX.23</b> | <b>Performing Organization Name</b>                |  |                      |
| OBX.23.1      | Organization Name                                  | Century Hospital   | Changeable Data      |
| OBX.23.6      | Assigning Authority                                |  |                      |
| OBX.23.6.1    | Namespace ID                                       | CLIA   | Changeable Data      |
| OBX.23.7      | Identifier Type Code                               | XX   | Changeable Data      |
| OBX.23.10     | Organization Identifier                            | 24D9871327   | Changeable Data      |
| <b>OBX.24</b> | <b>Performing Organization Address</b>             |  |                      |
| OBX.24.1      | Street Address                                     |  |                      |
| OBX.24.1.1    | Street or Mailing Address                          | 2070 Test Park   | Changeable Data      |
| OBX.24.3      | City   | Los Angeles  | Changeable Data      |
| OBX.24.4      | State or Province                                  | CA   | Changeable Data      |
| OBX.24.5      | Zip or Postal Code                                 | 90067  | Changeable Data      |
| OBX.24.7      | Address Type                                       | L  | Changeable Data      |
| <b>OBX.25</b> | <b>Performing Organization Medical Director</b>    |  |                      |
| OBX.25.1      | ID Number  | 2343242  | 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.25.9      | Assigning Authority                                |  |                      |
| OBX.25.9.1    | Namespace ID                                       | NIST-AA-1  | Changeable Data      |
| OBX.25.10     | Name Type Code                                     | L  | Changeable Data      |
| OBX.25.13     | Identifier Type Code                               | DN   | Changeable Data      |
| <b>OBX.29</b> | <b>Observation Type</b>                            | RSLT   | Test Case Fixed Data |