

#### Description

The initial Laboratory Test Compendium built by Century Hospital Clinical Laboratory is a subset of their Directory of Services. It is based upon the most commonly ordered lab tests by Dr. Radon. This compendium is delivered electronically to Dr. Nicholas Radon's practice EHR, as agreed to between Laboratory and Dr. Radon's Office and EHR-S Vendor. The EHR-S will integrate the eDOS into its test directory and use it to allow Dr. Radon to place orders electronically to Century Hospital's Clinical Laboratory.

The initial laboratory test compendium is composed of five messages.

After Century Hospital's LIS successfully transmits the first message which provides information about each individual observation, it sends the second message which provides information for each orderable battery or profile.

#### Comments

Initial upload of panels and profiles.

Since this is a replace message, all data in this message will replace information from a previous eDOS M10 message.

#### PreCondition

EDOS\_1.0\_1.1-M08\_New  
has been completed.

#### PostCondition

No Post-Condition.

#### TestObjectives

- Demonstrate capability to support a M10 initial load message for panels and profiles (i.e. panel of panels).
- Demonstrate capability to support all supported data elements, including repeating fields in the OM5 segment.
- Demonstrate capability to support all supported data elements, including repeating fields in the OM4 segment.
- Demonstrate capability to support repeating segments for OM4.

## Test Case Information

## EDOS\_1.0\_2.1-M10-NG - M10\_New

Test Case ID

EDOS\_1.0\_2.1-M10\_NG

## MSH

| Location    | Data Element               | Data                   | Categorization       |
|-------------|----------------------------|------------------------|----------------------|
| MSH.1       | Field Separator            |                        | IG Fixed Data        |
| MSH.2       | Encoding Characters        | ^~&#                   | IG Fixed Data        |
| MSH.3       | Sending Application        |                        |                      |
| MSH.3.1     | Namespace ID               | NIST Test Lab APP      | Configurable Data    |
| MSH.4       | Sending Facility           |                        |                      |
| MSH.4.1     | Namespace ID               | NIST Lab Facility      | Configurable Data    |
| MSH.6       | Receiving Facility         |                        |                      |
| MSH.6.1     | Namespace ID               | NIST EHR Facility      | Configurable Data    |
| MSH.7       | Date/Time Of Message       |                        |                      |
| MSH.7.1     | Time                       | 20130421113601-0700    | System Generated     |
| MSH.9       | Message Type               |                        |                      |
| MSH.9.1     | Message Code               | MFN                    | IG Fixed Data        |
| MSH.9.2     | Trigger Event              | M10                    | IG Fixed Data        |
| MSH.9.3     | Message Structure          | MFN_M10                | IG Fixed Data        |
| MSH.10      | Message Control ID         | EDOS_1.0_2.1-M10-NG    | System Generated     |
| MSH.11      | Processing ID              |                        |                      |
| MSH.11.1    | Processing ID              | D                      | Changeable Data      |
| MSH.12      | VersionID                  |                        |                      |
| MSH.12.1    | Version ID                 | 2.5.1                  | IG Fixed Data        |
| MSH.21      | Message Profile Identifier |                        |                      |
| MSH.21.1    | Entity Identifier          | EDOS_Common_Component  | Test Case Fixed Data |
| MSH.21.2    | Namespace ID               | EDOS Base Profile      | Changeable Data      |
| MSH.21.3    | Universal ID               | 2.16.840.1.113883.9.67 | Test Case Fixed Data |
| MSH.21.4    | Universal ID Type          | ISO                    | IG Fixed Data        |
| MSH.21[2]   | Message Profile Identifier |                        |                      |
| MSH.21[2].1 | Entity Identifier          | EDOS_NG_Component      | Test Case Fixed Data |
| MSH.21[2].2 | Namespace ID               | EDOS NG Profile        | Changeable Data      |
| MSH.21[2].3 | Universal ID               | 2.16.840.1.113883.9.69 | Test Case Fixed Data |
| MSH.21[2].4 | Universal ID Type          | ISO                    | IG Fixed Data        |

## MFI

| Location | Data Element             | Data                              | Categorization       |
|----------|--------------------------|-----------------------------------|----------------------|
| MFI.1    | Master File Identifier   |                                   |                      |
| MFI.1.1  | Identifier               | OMC                               | IG Fixed Data        |
| MFI.1.2  | Text                     | Observation batteries master file | Changeable Data      |
| MFI.1.3  | Name of Coding System    | HL70175                           | IG Fixed Data        |
| MFI.1.7  | Coding System Version ID | 2.5.1                             | Test Case Fixed Data |
| MFI.3    | File-Level Event Code    | REP                               | Test Case Fixed Data |
| MFI.6    | Response Level Code      | NE                                | IG Fixed Data        |

## MFE

| Location | Data Element            | Data           | Categorization       |
|----------|-------------------------|----------------|----------------------|
| MFE.1    | Record-Level Event Code | MAD            | Test Case Fixed Data |
| MFE.3    | Effective Date/Time     |                |                      |
| MFE.3.1  | Time                    | 20131219145310 | System Generated     |
| MFE.4    | Primary Key Value - MFE |                |                      |
| MFE.4.1  | Identifier              | 100            | Changeable Data      |
| MFE.4.2  | Text                    | CMP            | Changeable Data      |
| MFE.4.3  | Name of Coding System   | 99USL          | Changeable Data      |

| MFE.4.7  | Coding System Version ID | 20130421 | Changeable Data |
|----------|--------------------------|----------|-----------------|
| Location | Data Element             | Data     | Categorization  |
| MFE.5    | Primary Key Value Type   | CWE      | IG Fixed Data   |

#### OM1

| Location   | Data Element   | Data   | Categorization       |
|------------|--|--|----------------------|
| OM1.1      | Sequence Number - Test/Observation Master File         | 1  | IG Fixed Data        |
| OM1.2      | Producer's Service/Test/Observation ID                 |  |                      |
| OM1.2.1    | Identifier   | 100  | Changeable Data      |
| OM1.2.2    | Text   | CMP  | Changeable Data      |
| OM1.2.3    | Name of Coding System                                  | 99USL  | Changeable Data      |
| OM1.2.7    | Coding System Version ID                               | 20130421   | Changeable Data      |
| OM1.4      | Specimen Required                                      | Y  | Changeable Data      |
| OM1.5      | Producer ID  |  |                      |
| OM1.5.1    | Identifier   | 05D0669071   | Changeable Data      |
| OM1.5.2    | Text   | Century Hospital Clinical Laboratory   | Changeable Data      |
| OM1.5.3    | Name of Coding System                                  | 99USL  | Changeable Data      |
| OM1.5.7    | Coding System Version ID                               | 2013   | Changeable Data      |
| OM1.7      | Other Service/Test/Observation IDs for the Observation |  |                      |
| OM1.7.1    | Identifier   | 24323-8  | Test Case Fixed Data |
| OM1.7.2    | Text   | Comprehensive metabolic 2000 panel - Serum or Plasma   | Changeable Data      |
| OM1.7.3    | Name of Coding System                                  | LN   | Test Case Fixed Data |
| OM1.7.7    | Coding System Version ID                               | 2.42   | Changeable Data      |
| OM1.10     | Preferred Short Name on Mnemonic for Observation       | CMP  | Changeable Data      |
| OM1.12     | Orderability   | Y  | Test Case Fixed Data |
| OM1.18     | Nature of Service/Test/Observation                     | P  | Test Case Fixed Data |
| OM1.32     | Interpretation of Observations                         | Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function. | Changeable Data      |
| OM1.37     | Patient Preparation                                    | Patient fasting required for 12 hours.   | Changeable Data      |
| OM1.39     | Factors that may Affect the Observation                | Insufficient specimen, Gross hemolysis, Improper labeling..                                  | Changeable Data      |
| OM1.40     | Service/Test/Observation Performance Schedule          | Daily  | Changeable Data      |
| OM1.48     | Exclusive Test   | N  | Changeable Data      |
| OM1.49     | Diagnostic Service Sector ID                           | LAB  | Changeable Data      |
| OM1.51     | Other Names  | CMP  | Changeable Data      |
| OM1.57     | Expected Turn-Around Time                              |  |                      |
| OM1.57.1   | Quantity   | 1  | Changeable Data      |
| OM1.57.2   | Units  |  |                      |
| OM1.57.2.1 | Identifier   | d  | Changeable Data      |
| OM1.57.2.2 | Text   | day  | Changeable Data      |
| OM1.57.2.3 | Name of Coding System                                  | UCUM   | Changeable Data      |
| OM1.57.2.7 | Coding System Version ID                               | 1.8  | Changeable Data      |

#### OM5

| Location | Data Element  | Data          | Categorization  |
|----------|---|---------------|-----------------|
| OM5.1    | Sequence Number - Test/Observation Master File            | 1             | IG Fixed Data   |
| OM5.2    | Test/Observations Included Within an Ordered Test Battery |               |                 |
| OM5.2.1  | Identifier  | 104           | Changeable Data |
| OM5.2.2  | Text  | Serum Glucose | Changeable Data |
| OM5.2.3  | Name of Coding System                                     | 99USL         | Changeable Data |
| OM5.2.4  | Alternate Identifier                                      | 2345-7        | Changeable Data |

| OM5.2.5 Location | Alternate Text   | Data Element   | Glucose [Mass/volume] in Serum or Plasma | Changeable Data |
|------------------|--|--|--|-----------------|
| OM5.2.6          | Name of Alternate Coding System                                  | LN   |  | Changeable Data |
| OM5.2.7          | Coding System Version ID   | 20130421   |  | Changeable Data |
| OM5.2.8          | Alternate Coding System Version ID                               | 2.42   |  | Changeable Data |
| <b>OM5.2[2]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |  |                 |
| OM5.2[2].1       | Identifier   | 106  |  | Changeable Data |
| OM5.2[2].2       | Text   | Blood Urea Nitrogen (BUN)  |  | Changeable Data |
| OM5.2[2].3       | Name of Coding System  | 99USL  |  | Changeable Data |
| OM5.2[2].4       | Alternate Identifier   | 3094-0   |  | Changeable Data |
| OM5.2[2].5       | Alternate Text   | Urea nitrogen [Mass/volume] in Serum or Plasma                                     |  | Changeable Data |
| OM5.2[2].6       | Name of Alternate Coding System                                  | LN   |  | Changeable Data |
| OM5.2[2].7       | Coding System Version ID   | 20130421   |  | Changeable Data |
| OM5.2[2].8       | Alternate Coding System Version ID                               | 2.42   |  | Changeable Data |
| <b>OM5.2[3]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |  |                 |
| OM5.2[3].1       | Identifier   | 102  |  | Changeable Data |
| OM5.2[3].2       | Text   | Creatinine   |  | Changeable Data |
| OM5.2[3].3       | Name of Coding System  | 99USL  |  | Changeable Data |
| OM5.2[3].4       | Alternate Identifier   | 2160-0   |  | Changeable Data |
| OM5.2[3].5       | Alternate Text   | Creatinine [Mass/volume] in Serum or Plasma  |  | Changeable Data |
| OM5.2[3].6       | Name of Alternate Coding System                                  | LN   |  | Changeable Data |
| OM5.2[3].7       | Coding System Version ID   | 20130421   |  | Changeable Data |
| OM5.2[3].8       | Alternate Coding System Version ID                               | 2.42   |  | Changeable Data |
| <b>OM5.2[4]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |  |                 |
| OM5.2[4].1       | Identifier   | 108  |  | Changeable Data |
| OM5.2[4].2       | Text   | BUN/Creatinine Ratio   |  | Changeable Data |
| OM5.2[4].3       | Name of Coding System  | 99USL  |  | Changeable Data |
| OM5.2[4].4       | Alternate Identifier   | 3097-3   |  | Changeable Data |
| OM5.2[4].5       | Alternate Text   | Urea nitrogen/Creatinine [Mass Ratio] in Serum or Plasma                           |  | Changeable Data |
| OM5.2[4].6       | Name of Alternate Coding System                                  | LN   |  | Changeable Data |
| OM5.2[4].7       | Coding System Version ID   | 20130421   |  | Changeable Data |
| OM5.2[4].8       | Alternate Coding System Version ID                               | 2.42   |  | Changeable Data |
| <b>OM5.2[5]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |  |                 |
| OM5.2[5].1       | Identifier   | 110  |  | Changeable Data |
| OM5.2[5].2       | Text   | GFR, calculated  |  | Changeable Data |
| OM5.2[5].3       | Name of Coding System  | 99USL  |  | Changeable Data |
| OM5.2[5].4       | Alternate Identifier   | 33914-3  |  | Changeable Data |
| OM5.2[5].5       | Alternate Text   | Glomerular filtration rate/1.73 sq M, predicted by Creatinine-based formula (MDRD) |  | Changeable Data |
| OM5.2[5].6       | Name of Alternate Coding System                                  | LN   |  | Changeable Data |
| OM5.2[5].7       | Coding System Version ID   | 20130421   |  | Changeable Data |
| OM5.2[5].8       | Alternate Coding System Version ID                               | 2.42   |  | Changeable Data |
| <b>OM5.2[6]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |  |                 |
| OM5.2[6].1       | Identifier   | 112  |  | Changeable Data |
| OM5.2[6].2       | Text   | Calcium  |  | Changeable Data |
| OM5.2[6].3       | Name of Coding System  | 99USL  |  | Changeable Data |
| OM5.2[6].4       | Alternate Identifier   | 17861-6  |  | Changeable Data |
| OM5.2[6].5       | Alternate Text   | Calcium [Mass/volume] in Serum or Plasma   |  | Changeable Data |
| OM5.2[6].6       | Name of Alternate Coding System                                  | LN   |  | Changeable Data |

| OM5.2[6].7<br>Location | Coding System Version ID   | 20130421   | Data | Changeable Data |
|------------------------|--|--|------|-----------------|
| OM5.2[6].8             | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[7]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[7].1             | Identifier   | 114  |      | Changeable Data |
| OM5.2[7].2             | Text   | Total protein, serum                             |      | Changeable Data |
| OM5.2[7].3             | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[7].4             | Alternate Identifier   | 2885-2   |      | Changeable Data |
| OM5.2[7].5             | Alternate Text   | Protein [Mass/volume] in Serum or Plasma         |      | Changeable Data |
| OM5.2[7].6             | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[7].7             | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[7].8             | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[8]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[8].1             | Identifier   | 116  |      | Changeable Data |
| OM5.2[8].2             | Text   | Albumin  |      | Changeable Data |
| OM5.2[8].3             | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[8].4             | Alternate Identifier   | 1751-7   |      | Changeable Data |
| OM5.2[8].5             | Alternate Text   | Albumin [Mass/volume] in Serum or Plasma         |      | Changeable Data |
| OM5.2[8].6             | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[8].7             | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[8].8             | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[9]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[9].1             | Identifier   | 118  |      | Changeable Data |
| OM5.2[9].2             | Text   | Globulin   |      | Changeable Data |
| OM5.2[9].3             | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[9].4             | Alternate Identifier   | 10834-0  |      | Changeable Data |
| OM5.2[9].5             | Alternate Text   | Globulin [Mass/volume] in Serum by calculation   |      | Changeable Data |
| OM5.2[9].6             | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[9].7             | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[9].8             | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[10]</b>       | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[10].1            | Identifier   | 120  |      | Changeable Data |
| OM5.2[10].2            | Text   | Albumin/globulin ratio                           |      | Changeable Data |
| OM5.2[10].3            | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[10].4            | Alternate Identifier   | 1759-0   |      | Changeable Data |
| OM5.2[10].5            | Alternate Text   | Albumin/Globulin [Mass Ratio] in Serum or Plasma |      | Changeable Data |
| OM5.2[10].6            | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[10].7            | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[10].8            | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[11]</b>       | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[11].1            | Identifier   | 122  |      | Changeable Data |
| OM5.2[11].2            | Text   | Total bilirubin, serum                           |      | Changeable Data |
| OM5.2[11].3            | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[11].4            | Alternate Identifier   | 1975-2   |      | Changeable Data |
| OM5.2[11].5            | Alternate Text   | Bilirubin.total [Mass/volume] in Serum or Plasma |      | Changeable Data |
| OM5.2[11].6            | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[11].7            | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[11].8            | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[12]</b>       | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[12].1            | Identifier   | 124  |      | Changeable Data |

| OM5.2[12].2<br>Coding System | Data Element<br>Text<br>Name of Coding System                    | Alkaline phosphatase (ALP)<br>99USL                                       | Changeable Data<br>Changeable Data |
|------------------------------|--|---|------------------------------------|
| OM5.2[12].4                  | Alternate Identifier   | 6768-6  | Changeable Data                    |
| OM5.2[12].5                  | Alternate Text   | Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma       | Changeable Data                    |
| OM5.2[12].6                  | Name of Alternate Coding System                                  | LN  | Changeable Data                    |
| OM5.2[12].7                  | Coding System Version ID   | 20130421  | Changeable Data                    |
| OM5.2[12].8                  | Alternate Coding System Version ID                               | 2.42  | Changeable Data                    |
| <b>OM5.2[13]</b>             | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                                    |
| OM5.2[13].1                  | Identifier   | 126   | Changeable Data                    |
| OM5.2[13].2                  | Text   | Alanine aminotransferase (ALT)  | Changeable Data                    |
| OM5.2[13].3                  | Name of Coding System  | 99USL   | Changeable Data                    |
| OM5.2[13].4                  | Alternate Identifier   | 1742-6  | Changeable Data                    |
| OM5.2[13].5                  | Alternate Text   | Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma   | Changeable Data                    |
| OM5.2[13].6                  | Name of Alternate Coding System                                  | LN  | Changeable Data                    |
| OM5.2[13].7                  | Coding System Version ID   | 20130421  | Changeable Data                    |
| OM5.2[13].8                  | Alternate Coding System Version ID                               | 2.42  | Changeable Data                    |
| <b>OM5.2[14]</b>             | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                                    |
| OM5.2[14].1                  | Identifier   | 128   | Changeable Data                    |
| OM5.2[14].2                  | Text   | Aspartate aminotransferase (ASP)  | Changeable Data                    |
| OM5.2[14].3                  | Name of Coding System  | 99USL   | Changeable Data                    |
| OM5.2[14].4                  | Alternate Identifier   | 1920-8  | Changeable Data                    |
| OM5.2[14].5                  | Alternate Text   | Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma | Changeable Data                    |
| OM5.2[14].6                  | Name of Alternate Coding System                                  | LN  | Changeable Data                    |
| OM5.2[14].7                  | Coding System Version ID   | 20130421  | Changeable Data                    |
| OM5.2[14].8                  | Alternate Coding System Version ID                               | 2.42  | Changeable Data                    |
| <b>OM5.2[15]</b>             | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                                    |
| OM5.2[15].1                  | Identifier   | 130   | Changeable Data                    |
| OM5.2[15].2                  | Text   | Sodium, serum   | Changeable Data                    |
| OM5.2[15].3                  | Name of Coding System  | 99USL   | Changeable Data                    |
| OM5.2[15].4                  | Alternate Identifier   | 2951-2  | Changeable Data                    |
| OM5.2[15].5                  | Alternate Text   | Sodium [Moles/volume] in Serum or Plasma                                  | Changeable Data                    |
| OM5.2[15].6                  | Name of Alternate Coding System                                  | LN  | Changeable Data                    |
| OM5.2[15].7                  | Coding System Version ID   | 20130421  | Changeable Data                    |
| OM5.2[15].8                  | Alternate Coding System Version ID                               | 2.42  | Changeable Data                    |
| <b>OM5.2[16]</b>             | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                                    |
| OM5.2[16].1                  | Identifier   | 132   | Changeable Data                    |
| OM5.2[16].2                  | Text   | Potassium, serum  | Changeable Data                    |
| OM5.2[16].3                  | Name of Coding System  | 99USL   | Changeable Data                    |
| OM5.2[16].4                  | Alternate Identifier   | 2823-3  | Changeable Data                    |
| OM5.2[16].5                  | Alternate Text   | Potassium [Moles/volume] in Serum or Plasma                               | Changeable Data                    |
| OM5.2[16].6                  | Name of Alternate Coding System                                  | LN  | Changeable Data                    |
| OM5.2[16].7                  | Coding System Version ID   | 20130421  | Changeable Data                    |
| OM5.2[16].8                  | Alternate Coding System Version ID                               | 2.42  | Changeable Data                    |
| <b>OM5.2[17]</b>             | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                                    |
| OM5.2[17].1                  | Identifier   | 134   | Changeable Data                    |
| OM5.2[17].2                  | Text   | Chloride, serum   | Changeable Data                    |
| OM5.2[17].3                  | Name of Coding System  | 99USL   | Changeable Data                    |
| OM5.2[17].4                  | Alternate Identifier   | 2075-0  | Changeable Data                    |
| OM5.2[17].5                  | Alternate Text   | Chloride [Moles/volume] in Serum or                                       | Changeable Data                    |

| Location         | Data Element   | Plasma  | Category        |
|------------------|--|---|-----------------|
| OM5.2[17].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[17].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[17].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[18]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[18].1      | Identifier   | 136   | Changeable Data |
| OM5.2[18].2      | Text   | Carbon dioxide, serum                                   | Changeable Data |
| OM5.2[18].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[18].4      | Alternate Identifier   | 2028-9  | Changeable Data |
| OM5.2[18].5      | Alternate Text   | Carbon dioxide, total [Moles/volume] in Serum or Plasma | Changeable Data |
| OM5.2[18].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[18].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[18].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[19]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[19].1      | Identifier   | 138   | Changeable Data |
| OM5.2[19].2      | Text   | Anion gap   | Changeable Data |
| OM5.2[19].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[19].7      | Coding System Version ID   | 20130421  | Changeable Data |

#### OM4

| Location        | Data Element  | Data                      | Categorization       |
|-----------------|---|---------------------------|----------------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 1                         | IG Fixed Data        |
| <b>OM4.3</b>    | <b>Container Description</b>                          | Gold Serum Separator tube | Changeable Data      |
| <b>OM4.3[2]</b> | <b>Container Description</b>                          | Red, No Additive tube     | Changeable Data      |
| <b>OM4.4</b>    | <b>Container Volume</b>                               | 5.0                       | Changeable Data      |
| <b>OM4.4[2]</b> | <b>Container Volume</b>                               | 5.0                       | Changeable Data      |
| <b>OM4.5</b>    | <b>Container Units</b>                                |                           |                      |
| OM4.5.1         | Identifier  | mL                        | Changeable Data      |
| OM4.5.2         | Text  | milliliter                | Changeable Data      |
| OM4.5.3         | Name of Coding System                                 | UCUM                      | Changeable Data      |
| OM4.5.7         | Coding System Version ID                              | 1.8                       | Changeable Data      |
| <b>OM4.5[2]</b> | <b>Container Units</b>                                |                           |                      |
| OM4.5[2].1      | Identifier  | mL                        | Changeable Data      |
| OM4.5[2].2      | Text  | milliliter                | Changeable Data      |
| OM4.5[2].3      | Name of Coding System                                 | UCUM                      | Changeable Data      |
| OM4.5[2].7      | Coding System Version ID                              | 1.8                       | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                                       |                           |                      |
| OM4.6.1         | Identifier  | 119364003                 | Test Case Fixed Data |
| OM4.6.2         | Text  | Serum specimen            | Changeable Data      |
| OM4.6.3         | Name of Coding System                                 | SCT                       | Test Case Fixed Data |
| OM4.6.7         | Coding System Version ID                              | 201509-US Ed              | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>                       |                           |                      |
| OM4.10.1        | Quantity  | 1                         | Changeable Data      |
| OM4.10.2        | Units   |                           |                      |
| OM4.10.2.1      | Identifier  | mL                        | Changeable Data      |
| OM4.10.2.2      | Text  | milliliter                | Changeable Data      |
| OM4.10.2.3      | Name of Coding System                                 | UCUM                      | IG Fixed Data        |
| <b>OM4.11</b>   | <b>Minimum Collection Volume</b>                      |                           |                      |
| OM4.11.1        | Quantity  | 0.5                       | Changeable Data      |
| OM4.11.2        | Units   |                           |                      |
| OM4.11.2.1      | Identifier  | mL                        | Changeable Data      |
| OM4.11.2.2      | Text  | milliliter                | Changeable Data      |
| OM4.11.2.3      | Name of Coding System                                 | UCUM                      | IG Fixed Data        |
| OM4.11.2.7      | Coding System Version ID                              | 1.8                       | Changeable Data      |



| Location | Data Element             | Data  | Categorization       |
|----------|--------------------------|---|----------------------|
| OM4.12   | Specimen Requirements    | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. | Changeable Data      |
| OM4.15   | Specimen Handling Code   |   |                      |
| OM4.15.1 | Identifier               | REF   | Changeable Data      |
| OM4.15.2 | Text                     | Refrigerated temperature  | Changeable Data      |
| OM4.15.3 | Name of Coding System    | HL70376   | IG Fixed Data        |
| OM4.15.7 | Coding System Version ID | 2.5.1   | Changeable Data      |
| OM4.16   | Specimen Preference      | P   | Test Case Fixed Data |

#### MFE

| Location | Data Element             | Data                     | Categorization       |
|----------|--------------------------|--------------------------|----------------------|
| MFE.1    | Record-Level Event Code  | MAD                      | Test Case Fixed Data |
| MFE.3    | Effective Date/Time      |                          |                      |
| MFE.3.1  | Time                     | 20131219145310           | System Generated     |
| MFE.4    | Primary Key Value - MFE  |                          |                      |
| MFE.4.1  | Identifier               | 300                      | Changeable Data      |
| MFE.4.2  | Text                     | Comprehensive Urinalysis | Changeable Data      |
| MFE.4.3  | Name of Coding System    | 99USL                    | Changeable Data      |
| MFE.4.7  | Coding System Version ID | 20130421                 | Changeable Data      |
| MFE.5    | Primary Key Value Type   | CWE                      | IG Fixed Data        |

#### OM1

| Location | Data Element   | Data   | Categorization       |
|----------|--|--|----------------------|
| OM1.1    | Sequence Number - Test/Observation Master File         | 2  | IG Fixed Data        |
| OM1.2    | Producer's Service/Test/Observation ID                 |  |                      |
| OM1.2.1  | Identifier   | 300  | Changeable Data      |
| OM1.2.2  | Text   | Comprehensive Urinalysis   | Changeable Data      |
| OM1.2.3  | Name of Coding System                                  | 99USL  | Changeable Data      |
| OM1.2.7  | Coding System Version ID                               | 20130421   | Changeable Data      |
| OM1.4    | Specimen Required                                      | Y  | Changeable Data      |
| OM1.5    | Producer ID  |  |                      |
| OM1.5.1  | Identifier   | 05D0669071   | Changeable Data      |
| OM1.5.2  | Text   | Century Hospital Clinical Laboratory   | Changeable Data      |
| OM1.5.3  | Name of Coding System                                  | 99USL  | Changeable Data      |
| OM1.5.7  | Coding System Version ID                               | 2013   | Changeable Data      |
| OM1.7    | Other Service/Test/Observation IDs for the Observation |  |                      |
| OM1.7.1  | Identifier   | 50564-4  | Test Case Fixed Data |
| OM1.7.2  | Text   | Urinalysis panel - Urine by Auto   | Changeable Data      |
| OM1.7.3  | Name of Coding System                                  | LN   | Test Case Fixed Data |
| OM1.7.7  | Coding System Version ID                               | 2.44   | Changeable Data      |
| OM1.9    | Preferred Report Name for the Observation              | Comprehensive Urinalysis   | Changeable Data      |
| OM1.12   | Orderability   | Y  | Test Case Fixed Data |
| OM1.18   | Nature of Service/Test/Observation                     | P  | Test Case Fixed Data |
| OM1.32   | Interpretation of Observations                         | Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic examination of the urine sediment. | Changeable Data      |
| OM1.37   | Patient Preparation                                    | Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.   | Changeable Data      |
|          |  |  |                      |



| Location   | Data Element                                  | Data   | Categorization  |
|------------|---|--|-----------------|
| OM1.37[2]  | Patient Preparation                           | Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted. | Changeable Data |
| OM1.39     | Factors that may Affect the Observation       | Insufficient specimen, Improper labeling., presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.   | Changeable Data |
| OM1.40     | Service/Test/Observation Performance Schedule | Daily  | Changeable Data |
| OM1.48     | Exclusive Test                                | N  | Changeable Data |
| OM1.49     | Diagnostic Service Sector ID                  | LAB  | Changeable Data |
| OM1.57     | Expected Turn-Around Time                     |  |                 |
| OM1.57.1   | Quantity                                      | 1  | Changeable Data |
| OM1.57.2   | Units   |  |                 |
| OM1.57.2.2 | Text  | day  | Changeable Data |

#### OM5

| Location   | Data Element  | Data  | Categorization  |
|------------|---|---|-----------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 2   | IG Fixed Data   |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2.1    | Identifier  | 344   | Changeable Data |
| OM5.2.2    | Text  | Color of Urine  | Changeable Data |
| OM5.2.3    | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2.4    | Alternate Identifier                                      | 5778-6  | Changeable Data |
| OM5.2.5    | Alternate Text  | Color of Urine  | Changeable Data |
| OM5.2.6    | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2.7    | Coding System Version ID                                  | 20130421  | Changeable Data |
| OM5.2.8    | Alternate Coding System Version ID                        | 2.42  | Changeable Data |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2[2].1 | Identifier  | 346   | Changeable Data |
| OM5.2[2].2 | Text  | Clarity of Urine  | Changeable Data |
| OM5.2[2].3 | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2[2].4 | Alternate Identifier                                      | 32167-9   | Changeable Data |
| OM5.2[2].5 | Alternate Text  | Clarity of Urine  | Changeable Data |
| OM5.2[2].6 | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2[2].7 | Coding System Version ID                                  | 20130421  | Changeable Data |
| OM5.2[2].8 | Alternate Coding System Version ID                        | 2.42  | Changeable Data |
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2[3].1 | Identifier  | 302   | Changeable Data |
| OM5.2[3].2 | Text  | Erythrocytes, urine   | Changeable Data |
| OM5.2[3].3 | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2[3].4 | Alternate Identifier                                      | 46419-8   | Changeable Data |
| OM5.2[3].5 | Alternate Text  | Erythrocytes [# /area] in Urine sediment by Automated count | Changeable Data |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2[3].7 | Coding System Version ID                                  | 20130421  | Changeable Data |
| OM5.2[3].8 | Alternate Coding System Version ID                        | 2.42  | Changeable Data |

| OM5.2[4]   | Location                           | Test/Observations Included Within an Ordered Test Battery | Data Element | Data   | Categorization  |
|------------|------------------------------------|---|--------------|--|-----------------|
| OM5.2[4].1 | Identifier                         |   |              | 304  | Changeable Data |
| OM5.2[4].2 | Text                               |   |              | Leukocytes, urine  | Changeable Data |
| OM5.2[4].3 | Name of Coding System              |   |              | 99USL  | Changeable Data |
| OM5.2[4].4 | Alternate Identifier               |   |              | 46702-7  | Changeable Data |
| OM5.2[4].5 | Alternate Text                     |   |              | Leukocytes [# /area] in Urine sediment by Automated count                    | Changeable Data |
| OM5.2[4].6 | Name of Alternate Coding System    |   |              | LN   | Changeable Data |
| OM5.2[4].7 | Coding System Version ID           |   |              | 20130421   | Changeable Data |
| OM5.2[4].8 | Alternate Coding System Version ID |   |              | 2.42   | Changeable Data |
| OM5.2[5]   |                                    | Test/Observations Included Within an Ordered Test Battery |              |  |                 |
| OM5.2[5].1 | Identifier                         |   |              | 306  | Changeable Data |
| OM5.2[5].2 | Text                               |   |              | Leukocyte clumps, urine  | Changeable Data |
| OM5.2[5].3 | Name of Coding System              |   |              | 99USL  | Changeable Data |
| OM5.2[5].4 | Alternate Identifier               |   |              | 50233-6  | Changeable Data |
| OM5.2[5].5 | Alternate Text                     |   |              | Leukocyte clumps [# /area] in Urine sediment by Automated count              | Changeable Data |
| OM5.2[5].6 | Name of Alternate Coding System    |   |              | LN   | Changeable Data |
| OM5.2[5].7 | Coding System Version ID           |   |              | 20130421   | Changeable Data |
| OM5.2[5].8 | Alternate Coding System Version ID |   |              | 2.42   | Changeable Data |
| OM5.2[6]   |                                    | Test/Observations Included Within an Ordered Test Battery |              |  |                 |
| OM5.2[6].1 | Identifier                         |   |              | 308  | Changeable Data |
| OM5.2[6].2 | Text                               |   |              | Non-squamous epithelial cells. , urine                                       | Changeable Data |
| OM5.2[6].3 | Name of Coding System              |   |              | 99USL  | Changeable Data |
| OM5.2[6].4 | Alternate Identifier               |   |              | 53294-5  | Changeable Data |
| OM5.2[6].5 | Alternate Text                     |   |              | Epithelial cells.non-squamous [# /area] in Urine sediment by Automated count | Changeable Data |
| OM5.2[6].6 | Name of Alternate Coding System    |   |              | LN   | Changeable Data |
| OM5.2[6].7 | Coding System Version ID           |   |              | 20130421   | Changeable Data |
| OM5.2[6].8 | Alternate Coding System Version ID |   |              | 2.42   | Changeable Data |
| OM5.2[7]   |                                    | Test/Observations Included Within an Ordered Test Battery |              |  |                 |
| OM5.2[7].1 | Identifier                         |   |              | 310  | Changeable Data |
| OM5.2[7].2 | Text                               |   |              | Squamous epithelial cells. , urine   | Changeable Data |
| OM5.2[7].3 | Name of Coding System              |   |              | 99USL  | Changeable Data |
| OM5.2[7].4 | Alternate Identifier               |   |              | 33219-7  | Changeable Data |
| OM5.2[7].5 | Alternate Text                     |   |              | Epithelial cells.squamous [# /area] in Urine sediment by Automated count     | Changeable Data |
| OM5.2[7].6 | Name of Alternate Coding System    |   |              | LN   | Changeable Data |
| OM5.2[7].7 | Coding System Version ID           |   |              | 20130421   | Changeable Data |
| OM5.2[7].8 | Alternate Coding System Version ID |   |              | 2.42   | Changeable Data |
| OM5.2[8]   |                                    | Test/Observations Included Within an Ordered Test Battery |              |  |                 |
| OM5.2[8].1 | Identifier                         |   |              | 314  | Changeable Data |
| OM5.2[8].2 | Text                               |   |              | Bacteria, urine  | Changeable Data |
| OM5.2[8].3 | Name of Coding System              |   |              | 99USL  | Changeable Data |
| OM5.2[8].4 | Alternate Identifier               |   |              | 33218-9  | Changeable Data |
| OM5.2[8].5 | Alternate Text                     |   |              | Bacteria [# /area] in Urine sediment by Automated count                      | Changeable Data |
| OM5.2[8].6 | Name of Alternate Coding System    |   |              | LN   | Changeable Data |
| OM5.2[8].7 | Coding System Version ID           |   |              | 20130421   | Changeable Data |
| OM5.2[8].8 | Alternate Coding System Version ID |   |              | 2.42   | Changeable Data |
| OM5.2[9]   |                                    | Test/Observations Included Within an Ordered Test Battery |              |  |                 |
| OM5.2[9].1 | Identifier                         |   |              | 312  | Changeable Data |
| OM5.2[9].2 | Text                               |   |              | Crystals , urine   | Changeable Data |

| OM5.2[9].3       | Name of Coding System  | 99USL  | Changeable Data |
|------------------|--|--|-----------------|
| OM5.2[9].4       | Alternate Identifier   | 53322-4  | Changeable Data |
| OM5.2[9].5       | Alternate Text   | Crystals [# /area] in Urine sediment by Automated count        | Changeable Data |
| OM5.2[9].6       | Name of Alternate Coding System                                  | LN   | Changeable Data |
| OM5.2[9].7       | Coding System Version ID   | 20130421   | Changeable Data |
| OM5.2[9].8       | Alternate Coding System Version ID                               | 2.42   | Changeable Data |
| <b>OM5.2[10]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |                 |
| OM5.2[10].1      | Identifier   | 316  | Changeable Data |
| OM5.2[10].2      | Text   | Hyaline casts  | Changeable Data |
| OM5.2[10].3      | Name of Coding System  | 99USL  | Changeable Data |
| OM5.2[10].4      | Alternate Identifier   | 33223-9  | Changeable Data |
| OM5.2[10].5      | Alternate Text   | Hyaline casts [# /area] in Urine sediment by Automated count   | Changeable Data |
| OM5.2[10].6      | Name of Alternate Coding System                                  | LN   | Changeable Data |
| OM5.2[10].7      | Coding System Version ID   | 20130421   | Changeable Data |
| OM5.2[10].8      | Alternate Coding System Version ID                               | 2.42   | Changeable Data |
| <b>OM5.2[11]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |                 |
| OM5.2[11].1      | Identifier   | 318  | Changeable Data |
| OM5.2[11].2      | Text   | Casts  | Changeable Data |
| OM5.2[11].3      | Name of Coding System  | 99USL  | Changeable Data |
| OM5.2[11].4      | Alternate Identifier   | 43755-8  | Changeable Data |
| OM5.2[11].5      | Alternate Text   | Casts [# /area] in Urine sediment by Automated count           | Changeable Data |
| OM5.2[11].6      | Name of Alternate Coding System                                  | LN   | Changeable Data |
| OM5.2[11].7      | Coding System Version ID   | 20130421   | Changeable Data |
| OM5.2[11].8      | Alternate Coding System Version ID                               | 2.42   | Changeable Data |
| <b>OM5.2[12]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |                 |
| OM5.2[12].1      | Identifier   | 320  | Changeable Data |
| OM5.2[12].2      | Text   | Spermatozoa, urine   | Changeable Data |
| OM5.2[12].3      | Name of Coding System  | 99USL  | Changeable Data |
| OM5.2[12].4      | Alternate Identifier   | 53324-0  | Changeable Data |
| OM5.2[12].5      | Alternate Text   | Spermatozoa [# /area] in Urine sediment by Automated count     | Changeable Data |
| OM5.2[12].6      | Name of Alternate Coding System                                  | LN   | Changeable Data |
| OM5.2[12].7      | Coding System Version ID   | 20130421   | Changeable Data |
| OM5.2[12].8      | Alternate Coding System Version ID                               | 2.42   | Changeable Data |
| <b>OM5.2[13]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |                 |
| OM5.2[13].1      | Identifier   | 322  | Changeable Data |
| OM5.2[13].2      | Text   | Mucus,urine  | Changeable Data |
| OM5.2[13].3      | Name of Coding System  | 99USL  | Changeable Data |
| OM5.2[13].4      | Alternate Identifier   | 50235-1  | Changeable Data |
| OM5.2[13].5      | Alternate Text   | Mucus [# /area] in Urine sediment by Automated count           | Changeable Data |
| OM5.2[13].6      | Name of Alternate Coding System                                  | LN   | Changeable Data |
| OM5.2[13].7      | Coding System Version ID   | 20130421   | Changeable Data |
| OM5.2[13].8      | Alternate Coding System Version ID                               | 2.42   | Changeable Data |
| <b>OM5.2[14]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |                 |
| OM5.2[14].1      | Identifier   | 324  | Changeable Data |
| OM5.2[14].2      | Text   | Total bilirubin,urine  | Changeable Data |
| OM5.2[14].3      | Name of Coding System  | 99USL  | Changeable Data |
| OM5.2[14].4      | Alternate Identifier   | 53327-3  | Changeable Data |
| OM5.2[14].5      | Alternate Text   | Bilirubin.total [Mass/volume] in Urine by Automated test strip | Changeable Data |

| OM5.2[14].6      | Name of Alternate Coding System                                  | LN   | Data | Changeable Data |
|------------------|--|--|------|-----------------|
| OM5.2[14].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[14].8      | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[15]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[15].1      | Identifier   | 326  |      | Changeable Data |
| OM5.2[15].2      | Text   | Glucose, urine   |      | Changeable Data |
| OM5.2[15].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[15].4      | Alternate Identifier   | 53328-1  |      | Changeable Data |
| OM5.2[15].5      | Alternate Text   | Glucose [Mass/volume] in Urine by Automated test strip         |      | Changeable Data |
| OM5.2[15].6      | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[15].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[15].8      | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[16]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[16].1      | Identifier   | 328  |      | Changeable Data |
| OM5.2[16].2      | Text   | Hemoglobin, urine  |      | Changeable Data |
| OM5.2[16].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[16].4      | Alternate Identifier   | 50559-4  |      | Changeable Data |
| OM5.2[16].5      | Alternate Text   | Hemoglobin [Mass/volume] in Urine by Automated test strip      |      | Changeable Data |
| OM5.2[16].6      | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[16].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[16].8      | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[17]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[17].1      | Identifier   | 330  |      | Changeable Data |
| OM5.2[17].2      | Text   | Ketones , urine  |      | Changeable Data |
| OM5.2[17].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[17].4      | Alternate Identifier   | 50557-8  |      | Changeable Data |
| OM5.2[17].5      | Alternate Text   | Ketones [Mass/volume] in Urine by Automated test strip         |      | Changeable Data |
| OM5.2[17].6      | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[17].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[17].8      | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[18]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[18].1      | Identifier   | 332  |      | Changeable Data |
| OM5.2[18].2      | Text   | Leukocyte esterase, urine                                      |      | Changeable Data |
| OM5.2[18].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[18].4      | Alternate Identifier   | 60026-2  |      | Changeable Data |
| OM5.2[18].5      | Alternate Text   | Leukocyte esterase [Presence] in Urine by Automated test strip |      | Changeable Data |
| OM5.2[18].6      | Name of Alternate Coding System                                  | LN   |      | Changeable Data |
| OM5.2[18].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| OM5.2[18].8      | Alternate Coding System Version ID                               | 2.42   |      | Changeable Data |
| <b>OM5.2[19]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[19].1      | Identifier   | 334  |      | Changeable Data |
| OM5.2[19].2      | Text   | Nitrite, urine   |      | Changeable Data |
| OM5.2[19].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[19].7      | Coding System Version ID   | 20130421   |      | Changeable Data |
| <b>OM5.2[20]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |  |      |                 |
| OM5.2[20].1      | Identifier   | 336  |      | Changeable Data |
| OM5.2[20].2      | Text   | Urine pH   |      | Changeable Data |
| OM5.2[20].3      | Name of Coding System  | 99USL  |      | Changeable Data |
| OM5.2[20].4      | Alternate Identifier   | 50560-2  |      | Changeable Data |

| Location         | Data Element   | Data  | Categorization  |
|------------------|--|---|-----------------|
| OM5.2[20].5      | Alternate Text   | pH of Urine by Automated test strip                         | Changeable Data |
| OM5.2[20].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[20].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[20].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[21]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[21].1      | Identifier   | 338   | Changeable Data |
| OM5.2[21].2      | Text   | Protein, urine  | Changeable Data |
| OM5.2[21].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[21].4      | Alternate Identifier   | 50561-0   | Changeable Data |
| OM5.2[21].5      | Alternate Text   | Protein [Mass/volume] in Urine by Automated test strip      | Changeable Data |
| OM5.2[21].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[21].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[21].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[22]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[22].1      | Identifier   | 340   | Changeable Data |
| OM5.2[22].2      | Text   | Urobilinogen  | Changeable Data |
| OM5.2[22].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[22].4      | Alternate Identifier   | 50563-6   | Changeable Data |
| OM5.2[22].5      | Alternate Text   | Urobilinogen [Mass/volume] in Urine by Automated test strip | Changeable Data |
| OM5.2[22].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[22].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[22].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[23]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[23].1      | Identifier   | 342   | Changeable Data |
| OM5.2[23].2      | Text   | Urine specific gravity                                      | Changeable Data |
| OM5.2[23].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[23].4      | Alternate Identifier   | 53326-5   | Changeable Data |
| OM5.2[23].5      | Alternate Text   | Specific gravity of Urine by Automated test strip           | Changeable Data |
| OM5.2[23].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[23].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[23].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |

#### OM4

| Location     | Data Element  | Data                                   | Categorization       |
|--------------|---|--|----------------------|
| <b>OM4.1</b> | <b>Sequence Number - Test/Observation Master File</b> | 2                                      | IG Fixed Data        |
| <b>OM4.3</b> | <b>Container Description</b>                          | Sterile, plastic, leak proof container | Changeable Data      |
| <b>OM4.4</b> | <b>Container Volume</b>                               | 4                                      | Changeable Data      |
| <b>OM4.5</b> | <b>Container Units</b>                                |  |                      |
| OM4.5.1      | Identifier  | [foz_us]                               | Changeable Data      |
| OM4.5.2      | Text  | fluid ounce (US)                       | Changeable Data      |
| OM4.5.3      | Name of Coding System                                 | UCUM                                   | Changeable Data      |
| OM4.5.7      | Coding System Version ID                              | 1.8                                    | Changeable Data      |
| <b>OM4.6</b> | <b>Specimen</b>                                       |  |                      |
| OM4.6.1      | Identifier  | 122575003                              | Test Case Fixed Data |
| OM4.6.2      | Text  | Urine specimen                         | Changeable Data      |
| OM4.6.3      | Name of Coding System                                 | SCT                                    | Test Case Fixed Data |
| OM4.6.4      | Alternate Identifier                                  | UR                                     | Changeable Data      |
| OM4.6.5      | Alternate Text  | Random urine                           | Changeable Data      |
| OM4.6.6      | Name of Alternate Coding System                       | 99USL                                  | Changeable Data      |
| OM4.6.7      | Coding System Version ID                              | 201509-US Ed                           | Changeable Data      |
| OM4.6.8      | Alternate Coding System Version ID                    | 2014                                   | Changeable Data      |
| OM4.6.9      | Original Text   | Random urine                           | Changeable Data      |

| Location      | Data Element                     | Data                     | Categorization       |
|---------------|----------------------------------|--------------------------|----------------------|
| OM4.10.1      | Quantity                         | 20                       | Changeable Data      |
| OM4.10.2      | Units                            |                          |                      |
| OM4.10.2.1    | Identifier                       | mL                       | Changeable Data      |
| OM4.10.2.2    | Text                             | milliliter               | Changeable Data      |
| OM4.10.2.3    | Name of Coding System            | UCUM                     | IG Fixed Data        |
| OM4.10.2.7    | Coding System Version ID         | 1.8                      | Changeable Data      |
| <b>OM4.11</b> | <b>Minimum Collection Volume</b> |                          |                      |
| OM4.11.1      | Quantity                         | 4                        | Changeable Data      |
| OM4.11.2      | Units                            |                          |                      |
| OM4.11.2.1    | Identifier                       | mL                       | Changeable Data      |
| OM4.11.2.2    | Text                             | milliliter               | Changeable Data      |
| OM4.11.2.3    | Name of Coding System            | UCUM                     | IG Fixed Data        |
| OM4.11.2.7    | Coding System Version ID         | 1.8                      | Changeable Data      |
| <b>OM4.12</b> | <b>Specimen Requirements</b>     | Keep refrigerated        | Changeable Data      |
| <b>OM4.15</b> | <b>Specimen Handling Code</b>    |                          |                      |
| OM4.15.1      | Identifier                       | REF                      | Changeable Data      |
| OM4.15.2      | Text                             | Refrigerated temperature | Changeable Data      |
| OM4.15.3      | Name of Coding System            | HL70376                  | IG Fixed Data        |
| OM4.15.7      | Coding System Version ID         | 2.5.1                    | Changeable Data      |
| <b>OM4.16</b> | <b>Specimen Preference</b>       | P                        | Test Case Fixed Data |

#### MFE

| Location     | Data Element                   | Data           | Categorization       |
|--------------|--------------------------------|----------------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MAD            | Test Case Fixed Data |
| <b>MFE.3</b> | <b>Effective Date/Time</b>     |                |                      |
| MFE.3.1      | Time                           | 20131219145310 | System Generated     |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                |                      |
| MFE.4.1      | Identifier                     | 200            | Changeable Data      |
| MFE.4.2      | Text                           | CBC_diff       | Changeable Data      |
| MFE.4.3      | Name of Coding System          | 99USL          | Changeable Data      |
| MFE.4.7      | Coding System Version ID       | 20130421       | Changeable Data      |
| <b>MFE.5</b> | <b>Primary Key Value Type</b>  | CWE            | IG Fixed Data        |

#### OM1

| Location     | Data Element  | Data                                   | Categorization       |
|--------------|---|--|----------------------|
| <b>OM1.1</b> | <b>Sequence Number - Test/Observation Master File</b>         | 3                                      | IG Fixed Data        |
| <b>OM1.2</b> | <b>Producer's Service/Test/Observation ID</b>                 |  |                      |
| OM1.2.1      | Identifier  | 200                                    | Changeable Data      |
| OM1.2.2      | Text  | CBC_diff                               | Changeable Data      |
| OM1.2.3      | Name of Coding System   | 99USL                                  | Changeable Data      |
| OM1.2.7      | Coding System Version ID                                      | 20130421                               | Changeable Data      |
| <b>OM1.4</b> | <b>Specimen Required</b>                                      | Y                                      | Changeable Data      |
| <b>OM1.5</b> | <b>Producer ID</b>  |  |                      |
| OM1.5.1      | Identifier  | 05D0669071                             | Changeable Data      |
| OM1.5.2      | Text  | Century Hospital Clinical Laboratory   | Changeable Data      |
| OM1.5.3      | Name of Coding System   | 99USL                                  | Changeable Data      |
| OM1.5.7      | Coding System Version ID                                      | 2013                                   | Changeable Data      |
| <b>OM1.7</b> | <b>Other Service/Test/Observation IDs for the Observation</b> |  |                      |
| OM1.7.1      | Identifier  | 57021-8                                | Test Case Fixed Data |
| OM1.7.2      | Text  | CBC W Auto Differential panel in Blood | Changeable Data      |
| OM1.7.3      | Name of Coding System   | LN                                     | Test Case Fixed Data |
| OM1.7.7      | Coding System Version ID                                      | 2.44                                   | Changeable Data      |
| <b>OM1.9</b> | <b>Preferred Report Name for the Observation</b>              | Complete Blood Count                   | Changeable Data      |



| Location   | Data Element                                  | Data   | Categorization       |
|------------|---|--|----------------------|
| OM1.18     | Nature of Service/Test/Observation            | P  | Test Case Fixed Data |
| OM1.32     | Interpretation of Observations                | A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram. | Changeable Data      |
| OM1.39     | Factors that may Affect the Observation       | Insufficient specimen, Improper labeling., improper tube, clotted specimen, hemolyzed sample, dilution of blood.   | Changeable Data      |
| OM1.40     | Service/Test/Observation Performance Schedule | Daily  | Changeable Data      |
| OM1.48     | Exclusive Test                                | N  | Changeable Data      |
| OM1.49     | Diagnostic Service Sector ID                  | LAB  | Changeable Data      |
| OM1.53     | Prior Results Instructions                    | Send prior results for CBC in past 60 days   | Changeable Data      |
| OM1.57     | Expected Turn-Around Time                     |  |                      |
| OM1.57.1   | Quantity                                      | 1  | Changeable Data      |
| OM1.57.2   | Units   |  |                      |
| OM1.57.2.2 | Text  | day  | Changeable Data      |

#### OM5

| Location   | Data Element  | Data                                  | Categorization  |
|------------|---|---------------------------------------|-----------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 3                                     | IG Fixed Data   |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |                                       |                 |
| OM5.2.1    | Identifier  | 202                                   | Changeable Data |
| OM5.2.2    | Text  | Erythrocytes, blood                   | Changeable Data |
| OM5.2.3    | Name of Coding System                                     | 99USL                                 | Changeable Data |
| OM5.2.4    | Alternate Identifier                                      | 26453-1                               | Changeable Data |
| OM5.2.5    | Alternate Text  | Erythrocytes [# /volume] in Blood     | Changeable Data |
| OM5.2.6    | Name of Alternate Coding System                           | LN                                    | Changeable Data |
| OM5.2.7    | Coding System Version ID                                  | 20130421                              | Changeable Data |
| OM5.2.8    | Alternate Coding System Version ID                        | 2.42                                  | Changeable Data |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |                                       |                 |
| OM5.2[2].1 | Identifier  | 256                                   | Changeable Data |
| OM5.2[2].2 | Text  | Hemoglobin (Hb)                       | Changeable Data |
| OM5.2[2].3 | Name of Coding System                                     | 99USL                                 | Changeable Data |
| OM5.2[2].4 | Alternate Identifier                                      | 718-7                                 | Changeable Data |
| OM5.2[2].5 | Alternate Text  | Hemoglobin [Mass/volume] in Blood     | Changeable Data |
| OM5.2[2].6 | Name of Alternate Coding System                           | LN                                    | Changeable Data |
| OM5.2[2].7 | Coding System Version ID                                  | 20130421                              | Changeable Data |
| OM5.2[2].8 | Alternate Coding System Version ID                        | 2.42                                  | Changeable Data |
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |                                       |                 |
| OM5.2[3].1 | Identifier  | 204                                   | Changeable Data |
| OM5.2[3].2 | Text  | Hematocrit                            | Changeable Data |
| OM5.2[3].3 | Name of Coding System                                     | 99USL                                 | Changeable Data |
| OM5.2[3].4 | Alternate Identifier                                      | 20570-8                               | Changeable Data |
| OM5.2[3].5 | Alternate Text  | Hematocrit [Volume Fraction] of Blood | Changeable Data |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN                                    | Changeable Data |
| OM5.2[3].7 | Coding System Version ID                                  | 20130421                              | Changeable Data |
| OM5.2[3].8 | Alternate Coding System Version ID                        | 2.42                                  | Changeable Data |
| OM5.2[4]   | Test/Observations Included Within an Ordered Test Battery |                                       |                 |
| OM5.2[4].1 | Identifier  | 206                                   | Changeable Data |

| OM5.2[4].2<br>Location | Data Element   | Leukocytes, blood   | Data | Changeable Data<br>Categorization |
|------------------------|--|---|------|-----------------------------------|
| OM5.2[4].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[4].4             | Alternate Identifier   | 26464-8   |      | Changeable Data                   |
| OM5.2[4].5             | Alternate Text   | Leukocytes [#/volume] in Blood                                      |      | Changeable Data                   |
| OM5.2[4].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |
| OM5.2[4].7             | Coding System Version ID   | 20130421  |      | Changeable Data                   |
| OM5.2[4].8             | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data                   |
| <b>OM5.2[5]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                                   |
| OM5.2[5].1             | Identifier   | 208   |      | Changeable Data                   |
| OM5.2[5].2             | Text   | Platelets   |      | Changeable Data                   |
| OM5.2[5].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[5].4             | Alternate Identifier   | 26515-7   |      | Changeable Data                   |
| OM5.2[5].5             | Alternate Text   | Platelets [#/volume] in Blood                                       |      | Changeable Data                   |
| OM5.2[5].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |
| OM5.2[5].7             | Coding System Version ID   | 20130421  |      | Changeable Data                   |
| OM5.2[5].8             | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data                   |
| <b>OM5.2[6]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                                   |
| OM5.2[6].1             | Identifier   | 210   |      | Changeable Data                   |
| OM5.2[6].2             | Text   | Mean corpuscular volume (MCV)                                       |      | Changeable Data                   |
| OM5.2[6].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[6].4             | Alternate Identifier   | 30428-7   |      | Changeable Data                   |
| OM5.2[6].5             | Alternate Text   | Erythrocyte mean corpuscular volume [Entitic volume]                |      | Changeable Data                   |
| OM5.2[6].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |
| OM5.2[6].7             | Coding System Version ID   | 20130421  |      | Changeable Data                   |
| OM5.2[6].8             | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data                   |
| <b>OM5.2[7]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                                   |
| OM5.2[7].1             | Identifier   | 212   |      | Changeable Data                   |
| OM5.2[7].2             | Text   | Mean corpuscular hemoglobin (MCH)                                   |      | Changeable Data                   |
| OM5.2[7].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[7].4             | Alternate Identifier   | 28539-5   |      | Changeable Data                   |
| OM5.2[7].5             | Alternate Text   | Erythrocyte mean corpuscular hemoglobin [Entitic mass]              |      | Changeable Data                   |
| OM5.2[7].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |
| OM5.2[7].7             | Coding System Version ID   | 20130421  |      | Changeable Data                   |
| OM5.2[7].8             | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data                   |
| <b>OM5.2[8]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                                   |
| OM5.2[8].1             | Identifier   | 214   |      | Changeable Data                   |
| OM5.2[8].2             | Text   | Mean corpuscular hemoglobin Concentration (MCHC)                    |      | Changeable Data                   |
| OM5.2[8].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[8].4             | Alternate Identifier   | 28540-3   |      | Changeable Data                   |
| OM5.2[8].5             | Alternate Text   | Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume] |      | Changeable Data                   |
| OM5.2[8].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |
| OM5.2[8].7             | Coding System Version ID   | 20130421  |      | Changeable Data                   |
| OM5.2[8].8             | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data                   |
| <b>OM5.2[9]</b>        | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                                   |
| OM5.2[9].1             | Identifier   | 216   |      | Changeable Data                   |
| OM5.2[9].2             | Text   | Red blood cell distribution width (RDW )                            |      | Changeable Data                   |
| OM5.2[9].3             | Name of Coding System  | 99USL   |      | Changeable Data                   |
| OM5.2[9].4             | Alternate Identifier   | 30385-9   |      | Changeable Data                   |
| OM5.2[9].5             | Alternate Text   | Erythrocyte distribution width [Ratio]                              |      | Changeable Data                   |
| OM5.2[9].6             | Name of Alternate Coding System                                  | LN  |      | Changeable Data                   |

| OM5.2[9]         | Coding System  | Data Element                      | 20130421 | Data | Changeable Data |
|------------------|--|-----------------------------------|----------|------|-----------------|
| OM5.2[9].8       | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[10]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[10].1      | Identifier   | 218                               |          |      | Changeable Data |
| OM5.2[10].2      | Text   | Basophils                         |          |      | Changeable Data |
| OM5.2[10].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[10].4      | Alternate Identifier   | 26444-0                           |          |      | Changeable Data |
| OM5.2[10].5      | Alternate Text   | Basophils [# /volume] in Blood    |          |      | Changeable Data |
| OM5.2[10].6      | Name of Alternate Coding System                                  | LN                                |          |      | Changeable Data |
| OM5.2[10].7      | Coding System Version ID   | 20130421                          |          |      | Changeable Data |
| OM5.2[10].8      | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[11]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[11].1      | Identifier   | 220                               |          |      | Changeable Data |
| OM5.2[11].2      | Text   | % Basophils                       |          |      | Changeable Data |
| OM5.2[11].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[11].4      | Alternate Identifier   | 30180-4                           |          |      | Changeable Data |
| OM5.2[11].5      | Alternate Text   | Basophils/100 leukocytes in Blood |          |      | Changeable Data |
| OM5.2[11].6      | Name of Alternate Coding System                                  | LN                                |          |      | Changeable Data |
| OM5.2[11].7      | Coding System Version ID   | 20130421                          |          |      | Changeable Data |
| OM5.2[11].8      | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[12]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[12].1      | Identifier   | 222                               |          |      | Changeable Data |
| OM5.2[12].2      | Text   | Monocytes                         |          |      | Changeable Data |
| OM5.2[12].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[12].4      | Alternate Identifier   | 26484-6                           |          |      | Changeable Data |
| OM5.2[12].5      | Alternate Text   | Monocytes [# /volume] in Blood    |          |      | Changeable Data |
| OM5.2[12].6      | Name of Alternate Coding System                                  | LN                                |          |      | Changeable Data |
| OM5.2[12].7      | Coding System Version ID   | 20130421                          |          |      | Changeable Data |
| OM5.2[12].8      | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[13]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[13].1      | Identifier   | 224                               |          |      | Changeable Data |
| OM5.2[13].2      | Text   | % Monocytes                       |          |      | Changeable Data |
| OM5.2[13].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[13].4      | Alternate Identifier   | 26485-3                           |          |      | Changeable Data |
| OM5.2[13].5      | Alternate Text   | Monocytes/100 leukocytes in Blood |          |      | Changeable Data |
| OM5.2[13].6      | Name of Alternate Coding System                                  | LN                                |          |      | Changeable Data |
| OM5.2[13].7      | Coding System Version ID   | 20130421                          |          |      | Changeable Data |
| OM5.2[13].8      | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[14]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[14].1      | Identifier   | 226                               |          |      | Changeable Data |
| OM5.2[14].2      | Text   | Eosinophils                       |          |      | Changeable Data |
| OM5.2[14].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[14].4      | Alternate Identifier   | 26449-9                           |          |      | Changeable Data |
| OM5.2[14].5      | Alternate Text   | Eosinophils [# /volume] in Blood  |          |      | Changeable Data |
| OM5.2[14].6      | Name of Alternate Coding System                                  | LN                                |          |      | Changeable Data |
| OM5.2[14].7      | Coding System Version ID   | 20130421                          |          |      | Changeable Data |
| OM5.2[14].8      | Alternate Coding System Version ID                               | 2.42                              |          |      | Changeable Data |
| <b>OM5.2[15]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                   |          |      |                 |
| OM5.2[15].1      | Identifier   | 228                               |          |      | Changeable Data |
| OM5.2[15].2      | Text   | % Eosinophils                     |          |      | Changeable Data |
| OM5.2[15].3      | Name of Coding System  | 99USL                             |          |      | Changeable Data |
| OM5.2[15].4      | Alternate Identifier   | 26450-7                           |          |      | Changeable Data |

| Location         | Alternate Text   | Data Element                        | Data                                | Category        |
|------------------|--|-------------------------------------|-------------------------------------|-----------------|
| OM5.2[15].5      |  | Eosinophils/100 leukocytes in Blood |                                     | Changeable Data |
| OM5.2[15].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |
| OM5.2[15].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| OM5.2[15].8      |  | Alternate Coding System Version ID  | 2.42                                | Changeable Data |
| <b>OM5.2[16]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[16].1      |  | Identifier                          | 230                                 | Changeable Data |
| OM5.2[16].2      |  | Text                                | Lymphocytes                         | Changeable Data |
| OM5.2[16].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[16].4      |  | Alternate Identifier                | 26474-7                             | Changeable Data |
| OM5.2[16].5      |  | Alternate Text                      | Lymphocytes [# /volume] in Blood    | Changeable Data |
| OM5.2[16].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |
| OM5.2[16].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| OM5.2[16].8      |  | Alternate Coding System Version ID  | 2.42                                | Changeable Data |
| <b>OM5.2[17]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[17].1      |  | Identifier                          | 232                                 | Changeable Data |
| OM5.2[17].2      |  | Text                                | % Lymphocytes                       | Changeable Data |
| OM5.2[17].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[17].4      |  | Alternate Identifier                | 26478-8                             | Changeable Data |
| OM5.2[17].5      |  | Alternate Text                      | Lymphocytes/100 leukocytes in Blood | Changeable Data |
| OM5.2[17].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |
| OM5.2[17].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| OM5.2[17].8      |  | Alternate Coding System Version ID  | 2.42                                | Changeable Data |
| <b>OM5.2[18]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[18].1      |  | Identifier                          | 234                                 | Changeable Data |
| OM5.2[18].2      |  | Text                                | Neutrophils                         | Changeable Data |
| OM5.2[18].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[18].4      |  | Alternate Identifier                | 26499-4                             | Changeable Data |
| OM5.2[18].5      |  | Alternate Text                      | Neutrophils [# /volume] in Blood    | Changeable Data |
| OM5.2[18].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |
| OM5.2[18].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| OM5.2[18].8      |  | Alternate Coding System Version ID  | 2.42                                | Changeable Data |
| <b>OM5.2[19]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[19].1      |  | Identifier                          | 236                                 | Changeable Data |
| OM5.2[19].2      |  | Text                                | % Neutrophils                       | Changeable Data |
| OM5.2[19].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[19].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| <b>OM5.2[20]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[20].1      |  | Identifier                          | 238                                 | Changeable Data |
| OM5.2[20].2      |  | Text                                | Anisocytosis                        | Changeable Data |
| OM5.2[20].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[20].4      |  | Alternate Identifier                | 38892-6                             | Changeable Data |
| OM5.2[20].5      |  | Alternate Text                      | Anisocytosis [Presence] in Blood    | Changeable Data |
| OM5.2[20].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |
| OM5.2[20].7      |  | Coding System Version ID            | 20130421                            | Changeable Data |
| OM5.2[20].8      |  | Alternate Coding System Version ID  | 2.42                                | Changeable Data |
| <b>OM5.2[21]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |                                     |                                     |                 |
| OM5.2[21].1      |  | Identifier                          | 240                                 | Changeable Data |
| OM5.2[21].2      |  | Text                                | Hypochromia                         | Changeable Data |
| OM5.2[21].3      |  | Name of Coding System               | 99USL                               | Changeable Data |
| OM5.2[21].4      |  | Alternate Identifier                | 30400-6                             | Changeable Data |
| OM5.2[21].5      |  | Alternate Text                      | Hypochromia [Presence] in Blood     | Changeable Data |
| OM5.2[21].6      |  | Name of Alternate Coding System     | LN                                  | Changeable Data |

| Location         | Data Element   | 20130421  | Data | Changeable Data |
|------------------|--|---|------|-----------------|
| OM5.2[21].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| OM5.2[21].8      | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data |
| <b>OM5.2[22]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[22].1      | Identifier   | 242   |      | Changeable Data |
| OM5.2[22].2      | Text   | Macrocytosis  |      | Changeable Data |
| OM5.2[22].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[22].4      | Alternate Identifier   | 30424-6   |      | Changeable Data |
| OM5.2[22].5      | Alternate Text   | Macrocytes [Presence] in Blood                        |      | Changeable Data |
| OM5.2[22].6      | Name of Alternate Coding System                                  | LN  |      | Changeable Data |
| OM5.2[22].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| OM5.2[22].8      | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data |
| <b>OM5.2[23]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[23].1      | Identifier   | 244   |      | Changeable Data |
| OM5.2[23].2      | Text   | Microcytosis  |      | Changeable Data |
| OM5.2[23].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[23].4      | Alternate Identifier   | 30434-5   |      | Changeable Data |
| OM5.2[23].5      | Alternate Text   | Microcytes [Presence] in Blood                        |      | Changeable Data |
| OM5.2[23].6      | Name of Alternate Coding System                                  | LN  |      | Changeable Data |
| OM5.2[23].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| OM5.2[23].8      | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data |
| <b>OM5.2[24]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[24].1      | Identifier   | 246   |      | Changeable Data |
| OM5.2[24].2      | Text   | Poikilocytosis  |      | Changeable Data |
| OM5.2[24].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[24].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| <b>OM5.2[25]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[25].1      | Identifier   | 248   |      | Changeable Data |
| OM5.2[25].2      | Text   | Polychromasia   |      | Changeable Data |
| OM5.2[25].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[25].4      | Alternate Identifier   | 10378-8   |      | Changeable Data |
| OM5.2[25].5      | Alternate Text   | Polychromasia [Presence] in Blood by Light microscopy |      | Changeable Data |
| OM5.2[25].6      | Name of Alternate Coding System                                  | LN  |      | Changeable Data |
| OM5.2[25].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| OM5.2[25].8      | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data |
| <b>OM5.2[26]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[26].1      | Identifier   | 250   |      | Changeable Data |
| OM5.2[26].2      | Text   | RBC morphology  |      | Changeable Data |
| OM5.2[26].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[26].4      | Alternate Identifier   | 6742-1  |      | Changeable Data |
| OM5.2[26].5      | Alternate Text   | Erythrocyte morphology finding [Identifier] in Blood  |      | Changeable Data |
| OM5.2[26].6      | Name of Alternate Coding System                                  | LN  |      | Changeable Data |
| OM5.2[26].7      | Coding System Version ID   | 20130421  |      | Changeable Data |
| OM5.2[26].8      | Alternate Coding System Version ID                               | 2.42  |      | Changeable Data |
| <b>OM5.2[27]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |      |                 |
| OM5.2[27].1      | Identifier   | 252   |      | Changeable Data |
| OM5.2[27].2      | Text   | WBC morphology  |      | Changeable Data |
| OM5.2[27].3      | Name of Coding System  | 99USL   |      | Changeable Data |
| OM5.2[27].4      | Alternate Identifier   | 11156-7   |      | Changeable Data |
| OM5.2[27].5      | Alternate Text   | Leukocyte morphology finding [Identifier] in Blood    |      | Changeable Data |



| Location         | Data Element   | Data  | Categorization  |
|------------------|--|---|-----------------|
| OM5.2[27].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[27].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[27].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |
| <b>OM5.2[28]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[28].1      | Identifier   | 254   | Changeable Data |
| OM5.2[28].2      | Text   | Platelet morphology                               | Changeable Data |
| OM5.2[28].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[28].4      | Alternate Identifier   | 11125-2   | Changeable Data |
| OM5.2[28].5      | Alternate Text   | Platelet morphology finding [Identifier] in Blood | Changeable Data |
| OM5.2[28].6      | Name of Alternate Coding System                                  | LN  | Changeable Data |
| OM5.2[28].7      | Coding System Version ID   | 20130421  | Changeable Data |
| OM5.2[28].8      | Alternate Coding System Version ID                               | 2.42  | Changeable Data |

#### OM4

| Location        | Data Element  | Data                     | Categorization       |
|-----------------|---|--------------------------|----------------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 3                        | IG Fixed Data        |
| <b>OM4.3</b>    | <b>Container Description</b>                          | Lavender Top (EDTA) tube | Changeable Data      |
| <b>OM4.3[2]</b> | <b>Container Description</b>                          | Pink Top (K2EDTA) tube   | Changeable Data      |
| <b>OM4.4</b>    | <b>Container Volume</b>                               | 3.0                      | Changeable Data      |
| <b>OM4.4[2]</b> | <b>Container Volume</b>                               | 3.0                      | Changeable Data      |
| <b>OM4.5</b>    | <b>Container Units</b>                                |                          |                      |
| OM4.5.1         | Identifier  | mL                       | Changeable Data      |
| OM4.5.2         | Text  | milliliters              | Changeable Data      |
| OM4.5.3         | Name of Coding System                                 | UCUM                     | Changeable Data      |
| OM4.5.7         | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.5[2]</b> | <b>Container Units</b>                                |                          |                      |
| OM4.5[2].1      | Identifier  | mL                       | Changeable Data      |
| OM4.5[2].2      | Text  | milliliters              | Changeable Data      |
| OM4.5[2].3      | Name of Coding System                                 | UCUM                     | Changeable Data      |
| OM4.5[2].7      | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                                       |                          |                      |
| OM4.6.1         | Identifier  | 119297000                | Test Case Fixed Data |
| OM4.6.2         | Text  | Blood sample             | Changeable Data      |
| OM4.6.3         | Name of Coding System                                 | SCT                      | Test Case Fixed Data |
| OM4.6.4         | Alternate Identifier                                  | WBLD                     | Changeable Data      |
| OM4.6.5         | Alternate Text  | Whole blood              | Changeable Data      |
| OM4.6.6         | Name of Alternate Coding System                       | 99USL                    | Changeable Data      |
| OM4.6.7         | Coding System Version ID                              | 201509-US Ed             | Changeable Data      |
| OM4.6.8         | Alternate Coding System Version ID                    | 2014                     | Changeable Data      |
| OM4.6.9         | Original Text   | Whole blood              | Changeable Data      |
| <b>OM4.7</b>    | <b>Additive</b>                                       |                          |                      |
| OM4.7.1         | Identifier  | EDTK                     | Changeable Data      |
| OM4.7.2         | Text  | Potassium/K EDTA         | Changeable Data      |
| OM4.7.3         | Name of Coding System                                 | HL70371                  | Changeable Data      |
| OM4.7.7         | Coding System Version ID                              | 2.5.1                    | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>                       |                          |                      |
| OM4.10.1        | Quantity  | 3                        | Changeable Data      |
| OM4.10.2        | Units   |                          |                      |
| OM4.10.2.1      | Identifier  | mL                       | Changeable Data      |
| OM4.10.2.2      | Text  | milliliters              | Changeable Data      |
| OM4.10.2.3      | Name of Coding System                                 | UCUM                     | IG Fixed Data        |
| OM4.10.2.7      | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.11</b>   | <b>Minimum Collection Volume</b>                      |                          |                      |
| OM4.11.1        | Quantity  | 0.5                      | Changeable Data      |
| OM4.11.2        | Units   |                          |                      |



| Location   | Data Element             | Data   | Categorization       |
|------------|--------------------------|--|----------------------|
| OM4.11.2.2 | Text                     | milliliters  | Changeable Data      |
| OM4.11.2.3 | Name of Coding System    | UCUM   | IG Fixed Data        |
| OM4.11.2.7 | Coding System Version ID | 1.8  | Changeable Data      |
| OM4.12     | Specimen Requirements    | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. | Changeable Data      |
| OM4.15     | Specimen Handling Code   |  |                      |
| OM4.15.1   | Identifier               | CREF   | Changeable Data      |
| OM4.15.2   | Text                     | Critical refrigerated  | Changeable Data      |
| OM4.15.3   | Name of Coding System    | HL70376  | IG Fixed Data        |
| OM4.15.7   | Coding System Version ID | 2.5.1  | Changeable Data      |
| OM4.16     | Specimen Preference      | P  | Test Case Fixed Data |

#### MFE

| Location | Data Element             | Data           | Categorization       |
|----------|--------------------------|----------------|----------------------|
| MFE.1    | Record-Level Event Code  | MAD            | Test Case Fixed Data |
| MFE.3    | Effective Date/Time      |                |                      |
| MFE.3.1  | Time                     | 20131219145310 | System Generated     |
| MFE.4    | Primary Key Value - MFE  |                |                      |
| MFE.4.1  | Identifier               | 800            | Changeable Data      |
| MFE.4.2  | Text                     | GHP            | Changeable Data      |
| MFE.4.3  | Name of Coding System    | 99USL          | Changeable Data      |
| MFE.4.7  | Coding System Version ID | 20130421       | Changeable Data      |
| MFE.5    | Primary Key Value Type   | CWE            | IG Fixed Data        |

#### OM1

| Location | Data Element                                   | Data   | Categorization       |
|----------|--|--|----------------------|
| OM1.1    | Sequence Number - Test/Observation Master File | 4  | IG Fixed Data        |
| OM1.2    | Producer's Service/Test/Observation ID         |  |                      |
| OM1.2.1  | Identifier                                     | 800  | Changeable Data      |
| OM1.2.2  | Text   | GHP  | Changeable Data      |
| OM1.2.3  | Name of Coding System                          | 99USL  | Changeable Data      |
| OM1.2.7  | Coding System Version ID                       | 20130421   | Changeable Data      |
| OM1.4    | Specimen Required                              | Y  | Changeable Data      |
| OM1.5    | Producer ID                                    |  |                      |
| OM1.5.1  | Identifier                                     | 05D0669071   | Changeable Data      |
| OM1.5.2  | Text   | Century Hospital Clinical Laboratory   | Changeable Data      |
| OM1.5.3  | Name of Coding System                          | 99USL  | Changeable Data      |
| OM1.5.7  | Coding System Version ID                       | 2013   | Changeable Data      |
| OM1.9    | Preferred Report Name for the Observation      | General Health Profile   | Changeable Data      |
| OM1.12   | Orderability                                   | Y  | Test Case Fixed Data |
| OM1.18   | Nature of Service/Test/Observation             | S  | Test Case Fixed Data |
| OM1.32   | Interpretation of Observations                 | This blood test is used to determine general health status and to screen for and monitor a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4). | Changeable Data      |
| OM1.37   | Patient Preparation                            | Patient fasting required for 12 hours.   | Changeable Data      |
| OM1.39   | Factors that may Affect the Observation        | Insufficient specimen, Gross hemolysis, Improper labeling...   | Changeable Data      |
|          | Service/Test/Observation Performance           |  |                      |

| Location   | Schedule                     | Data Element | Daily | Data | Changeable Data | Categorization  |
|------------|------------------------------|--------------|-------|------|-----------------|-----------------|
| OM1.48     | Exclusive Test               |              | N     |      |                 | Changeable Data |
| OM1.49     | Diagnostic Service Sector ID |              | LAB   |      |                 | Changeable Data |
| OM1.57     | Expected Turn-Around Time    |              |       |      |                 |                 |
| OM1.57.1   | Quantity                     |              | 1     |      |                 | Changeable Data |
| OM1.57.2   | Units                        |              |       |      |                 |                 |
| OM1.57.2.1 | Identifier                   |              | d     |      |                 | Changeable Data |
| OM1.57.2.2 | Text                         |              | day   |      |                 | Changeable Data |
| OM1.57.2.3 | Name of Coding System        |              | UCUM  |      |                 | Changeable Data |
| OM1.57.2.7 | Coding System Version ID     |              | 1.8   |      |                 | Changeable Data |

#### OM5

| Location   | Data Element  | Data   | Categorization  |
|------------|---|--|-----------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 4  | IG Fixed Data   |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |  |                 |
| OM5.2.1    | Identifier  | 100  | Changeable Data |
| OM5.2.2    | Text  | CMP  | Changeable Data |
| OM5.2.3    | Name of Coding System                                     | 99USL  | Changeable Data |
| OM5.2.4    | Alternate Identifier                                      | 24323-8  | Changeable Data |
| OM5.2.5    | Alternate Text  | Comprehensive metabolic 2000 panel - Serum or Plasma | Changeable Data |
| OM5.2.6    | Name of Alternate Coding System                           | LN   | Changeable Data |
| OM5.2.8    | Alternate Coding System Version ID                        | 2.42   | Changeable Data |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |  |                 |
| OM5.2[2].1 | Identifier  | 200  | Changeable Data |
| OM5.2[2].2 | Text  | CBC_diff   | Changeable Data |
| OM5.2[2].3 | Name of Coding System                                     | 99USL  | Changeable Data |
| OM5.2[2].4 | Alternate Identifier                                      | 57021-8  | Changeable Data |
| OM5.2[2].5 | Alternate Text  | CBC W Auto Differential panel in Blood               | Changeable Data |
| OM5.2[2].6 | Name of Alternate Coding System                           | LN   | Changeable Data |
| OM5.2[2].8 | Alternate Coding System Version ID                        | 2.42   | Changeable Data |
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |  |                 |
| OM5.2[3].1 | Identifier  | 700  | Changeable Data |
| OM5.2[3].2 | Text  | TSH  | Changeable Data |
| OM5.2[3].3 | Name of Coding System                                     | 99USL  | Changeable Data |
| OM5.2[3].4 | Alternate Identifier                                      | 3016-3   | Changeable Data |
| OM5.2[3].5 | Alternate Text  | Thyrotropin [Units/volume] in Serum or Plasma        | Changeable Data |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN   | Changeable Data |
| OM5.2[3].8 | Alternate Coding System Version ID                        | 2.42   | Changeable Data |
| OM5.2[4]   | Test/Observations Included Within an Ordered Test Battery |  |                 |
| OM5.2[4].1 | Identifier  | 300  | Changeable Data |
| OM5.2[4].2 | Text  | Comprehensive Urinalysis                             | Changeable Data |
| OM5.2[4].3 | Name of Coding System                                     | 99USL  | Changeable Data |
| OM5.2[4].4 | Alternate Identifier                                      | 50564-4  | Changeable Data |
| OM5.2[4].5 | Alternate Text  | Urinalysis panel- Urine by Auto                      | Changeable Data |
| OM5.2[4].6 | Name of Alternate Coding System                           | LN   | Changeable Data |
| OM5.2[4].8 | Alternate Coding System Version ID                        | 2.42   | Changeable Data |

#### OM4

| Location | Data Element                                   | Data                      | Categorization  |
|----------|--|---------------------------|-----------------|
| OM4.1    | Sequence Number - Test/Observation Master File | 4.1                       | IG Fixed Data   |
| OM4.3    | Container Description                          | Gold Serum Separator tube | Changeable Data |

| Location        | Data Element                     | Data  | Categorization       |
|-----------------|----------------------------------|---|----------------------|
| <b>OM4.3[2]</b> | <b>Container Description</b>     | Red, No Additive tube   | Changeable Data      |
| <b>OM4.4</b>    | <b>Container Volume</b>          | 5.0   | Changeable Data      |
| <b>OM4.4[2]</b> | <b>Container Volume</b>          | 5.0   | Changeable Data      |
| <b>OM4.5</b>    | <b>Container Units</b>           |   |                      |
| OM4.5.1         | Identifier                       | mL  | Changeable Data      |
| OM4.5.2         | Text                             | milliliter  | Changeable Data      |
| OM4.5.3         | Name of Coding System            | UCUM  | Changeable Data      |
| OM4.5.7         | Coding System Version ID         | 1.8   | Changeable Data      |
| <b>OM4.5[2]</b> | <b>Container Units</b>           |   |                      |
| OM4.5[2].1      | Identifier                       | mL  | Changeable Data      |
| OM4.5[2].2      | Text                             | milliliter  | Changeable Data      |
| OM4.5[2].3      | Name of Coding System            | UCUM  | Changeable Data      |
| OM4.5[2].7      | Coding System Version ID         | 1.8   | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                  |   |                      |
| OM4.6.1         | Identifier                       | 119364003   | Test Case Fixed Data |
| OM4.6.2         | Text                             | Serum specimen  | Changeable Data      |
| OM4.6.3         | Name of Coding System            | SCT   | Test Case Fixed Data |
| OM4.6.7         | Coding System Version ID         | 201509-US Ed  | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>  |   |                      |
| OM4.10.1        | Quantity                         | 1   | Changeable Data      |
| OM4.10.2        | Units                            |   |                      |
| OM4.10.2.1      | Identifier                       | mL  | Changeable Data      |
| OM4.10.2.2      | Text                             | milliliter  | Changeable Data      |
| OM4.10.2.3      | Name of Coding System            | UCUM  | IG Fixed Data        |
| <b>OM4.11</b>   | <b>Minimum Collection Volume</b> |   |                      |
| OM4.11.1        | Quantity                         | 0.5   | Changeable Data      |
| OM4.11.2        | Units                            |   |                      |
| OM4.11.2.1      | Identifier                       | mL  | Changeable Data      |
| OM4.11.2.2      | Text                             | milliliter  | Changeable Data      |
| OM4.11.2.3      | Name of Coding System            | UCUM  | IG Fixed Data        |
| OM4.11.2.7      | Coding System Version ID         | 1.8   | Changeable Data      |
| <b>OM4.12</b>   | <b>Specimen Requirements</b>     | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. | Changeable Data      |
| <b>OM4.15</b>   | <b>Specimen Handling Code</b>    |   |                      |
| OM4.15.1        | Identifier                       | REF   | Changeable Data      |
| OM4.15.2        | Text                             | Refrigerated temperature  | Changeable Data      |
| OM4.15.3        | Name of Coding System            | HL70376   | IG Fixed Data        |
| OM4.15.7        | Coding System Version ID         | 2.5.1   | Changeable Data      |
| <b>OM4.16</b>   | <b>Specimen Preference</b>       | P   | Test Case Fixed Data |

#### OM4

| Location        | Data Element  | Data                     | Categorization  |
|-----------------|---|--------------------------|-----------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 4.2                      | IG Fixed Data   |
| <b>OM4.3</b>    | <b>Container Description</b>                          | Lavender Top (EDTA) tube | Changeable Data |
| <b>OM4.3[2]</b> | <b>Container Description</b>                          | Pink Top (K2EDTA) tube   | Changeable Data |
| <b>OM4.4</b>    | <b>Container Volume</b>                               | 3.0                      | Changeable Data |
| <b>OM4.4[2]</b> | <b>Container Volume</b>                               | 3.0                      | Changeable Data |
| <b>OM4.5</b>    | <b>Container Units</b>                                |                          |                 |
| OM4.5.1         | Identifier  | mL                       | Changeable Data |
| OM4.5.2         | Text  | milliliters              | Changeable Data |
| OM4.5.3         | Name of Coding System                                 | UCUM                     | Changeable Data |
| OM4.5.7         | Coding System Version ID                              | 1.8                      | Changeable Data |
| <b>OM4.5[2]</b> | <b>Container Units</b>                                |                          |                 |
| OM4.5[2].1      | Identifier  | mL                       | Changeable Data |
| OM4.5[2].2      | Text  | milliliters              | Changeable Data |

| Location      | Data Element                       | Data   | Categorization       |
|---------------|------------------------------------|--|----------------------|
| OM4.5[2].7    | Coding System Version ID           | 1.8  | Changeable Data      |
| <b>OM4.6</b>  | <b>Specimen</b>                    |  |                      |
| OM4.6.1       | Identifier                         | 119297000  | Test Case Fixed Data |
| OM4.6.2       | Text                               | Blood sample   | Changeable Data      |
| OM4.6.3       | Name of Coding System              | SCT  | Test Case Fixed Data |
| OM4.6.4       | Alternate Identifier               | WBLD   | Changeable Data      |
| OM4.6.5       | Alternate Text                     | Whole blood  | Changeable Data      |
| OM4.6.6       | Name of Alternate Coding System    | 99USL  | Changeable Data      |
| OM4.6.7       | Coding System Version ID           | 201509-US Ed   | Changeable Data      |
| OM4.6.8       | Alternate Coding System Version ID | 2014   | Changeable Data      |
| OM4.6.9       | Original Text                      | Whole blood  | Changeable Data      |
| <b>OM4.7</b>  | <b>Additive</b>                    |  |                      |
| OM4.7.1       | Identifier                         | EDTK   | Changeable Data      |
| OM4.7.2       | Text                               | Potassium/K EDTA   | Changeable Data      |
| OM4.7.3       | Name of Coding System              | HL70371  | Changeable Data      |
| OM4.7.7       | Coding System Version ID           | 2.5.1  | Changeable Data      |
| <b>OM4.10</b> | <b>Normal Collection Volume</b>    |  |                      |
| OM4.10.1      | Quantity                           | 3  | Changeable Data      |
| OM4.10.2      | Units                              |  |                      |
| OM4.10.2.1    | Identifier                         | mL   | Changeable Data      |
| OM4.10.2.2    | Text                               | milliliters  | Changeable Data      |
| OM4.10.2.3    | Name of Coding System              | UCUM   | IG Fixed Data        |
| OM4.10.2.7    | Coding System Version ID           | 1.8  | Changeable Data      |
| <b>OM4.11</b> | <b>Minimum Collection Volume</b>   |  |                      |
| OM4.11.1      | Quantity                           | 0.5  | Changeable Data      |
| OM4.11.2      | Units                              |  |                      |
| OM4.11.2.1    | Identifier                         | mL   | Changeable Data      |
| OM4.11.2.2    | Text                               | milliliters  | Changeable Data      |
| OM4.11.2.3    | Name of Coding System              | UCUM   | IG Fixed Data        |
| OM4.11.2.7    | Coding System Version ID           | 1.8  | Changeable Data      |
| <b>OM4.12</b> | <b>Specimen Requirements</b>       | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. | Changeable Data      |
| <b>OM4.15</b> | <b>Specimen Handling Code</b>      |  |                      |
| OM4.15.1      | Identifier                         | CREF   | Changeable Data      |
| OM4.15.2      | Text                               | Critical refrigerated  | Changeable Data      |
| OM4.15.3      | Name of Coding System              | HL70376  | IG Fixed Data        |
| OM4.15.7      | Coding System Version ID           | 2.5.1  | Changeable Data      |
| <b>OM4.16</b> | <b>Specimen Preference</b>         | P  | Test Case Fixed Data |

#### OM4

| Location     | Data Element  | Data                                   | Categorization       |
|--------------|---|--|----------------------|
| <b>OM4.1</b> | <b>Sequence Number - Test/Observation Master File</b> | 4.3                                    | IG Fixed Data        |
| <b>OM4.3</b> | <b>Container Description</b>                          | Sterile, plastic, leak proof container | Changeable Data      |
| <b>OM4.4</b> | <b>Container Volume</b>                               | 4                                      | Changeable Data      |
| <b>OM4.5</b> | <b>Container Units</b>                                |  |                      |
| OM4.5.1      | Identifier  | [foz_us]                               | Changeable Data      |
| OM4.5.2      | Text  | fluid ounce (US)                       | Changeable Data      |
| OM4.5.3      | Name of Coding System                                 | UCUM                                   | Changeable Data      |
| OM4.5.7      | Coding System Version ID                              | 1.8                                    | Changeable Data      |
| <b>OM4.6</b> | <b>Specimen</b>                                       |  |                      |
| OM4.6.1      | Identifier  | 122575003                              | Test Case Fixed Data |

| Location      | Data Element                       | Data                     | Categorization       |
|---------------|------------------------------------|--------------------------|----------------------|
| OM4.6.3       | Name of Coding System              | SCT                      | Test Case Fixed Data |
| OM4.6.4       | Alternate Identifier               | UR                       | Changeable Data      |
| OM4.6.5       | Alternate Text                     | Random urine             | Changeable Data      |
| OM4.6.6       | Name of Alternate Coding System    | 99USL                    | Changeable Data      |
| OM4.6.7       | Coding System Version ID           | 201509-US Ed             | Changeable Data      |
| OM4.6.8       | Alternate Coding System Version ID | 2014                     | Changeable Data      |
| OM4.6.9       | Original Text                      | Random urine             | Changeable Data      |
| <b>OM4.10</b> | <b>Normal Collection Volume</b>    |                          |                      |
| OM4.10.1      | Quantity                           | 20                       | Changeable Data      |
| OM4.10.2      | Units                              |                          |                      |
| OM4.10.2.1    | Identifier                         | mL                       | Changeable Data      |
| OM4.10.2.2    | Text                               | milliliter               | Changeable Data      |
| OM4.10.2.3    | Name of Coding System              | UCUM                     | IG Fixed Data        |
| OM4.10.2.7    | Coding System Version ID           | 1.8                      | Changeable Data      |
| <b>OM4.11</b> | <b>Minimum Collection Volume</b>   |                          |                      |
| OM4.11.1      | Quantity                           | 4                        | Changeable Data      |
| OM4.11.2      | Units                              |                          |                      |
| OM4.11.2.1    | Identifier                         | mL                       | Changeable Data      |
| OM4.11.2.2    | Text                               | milliliter               | Changeable Data      |
| OM4.11.2.3    | Name of Coding System              | UCUM                     | IG Fixed Data        |
| OM4.11.2.7    | Coding System Version ID           | 1.8                      | Changeable Data      |
| <b>OM4.12</b> | <b>Specimen Requirements</b>       | Keep refrigerated        | Changeable Data      |
| <b>OM4.15</b> | <b>Specimen Handling Code</b>      |                          |                      |
| OM4.15.1      | Identifier                         | REF                      | Changeable Data      |
| OM4.15.2      | Text                               | Refrigerated temperature | Changeable Data      |
| OM4.15.3      | Name of Coding System              | HL70376                  | IG Fixed Data        |
| OM4.15.7      | Coding System Version ID           | 2.5.1                    | Changeable Data      |
| <b>OM4.16</b> | <b>Specimen Preference</b>         | P                        | Test Case Fixed Data |

#### MFE

| Location     | Data Element                   | Data                               | Categorization       |
|--------------|--------------------------------|------------------------------------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MAD                                | Test Case Fixed Data |
| <b>MFE.3</b> | <b>Effective Date/Time</b>     |                                    |                      |
| MFE.3.1      | Time                           | 20131219145310                     | System Generated     |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                                    |                      |
| MFE.4.1      | Identifier                     | 1000                               | Changeable Data      |
| MFE.4.2      | Text                           | Hepatitis A B C Panel_ With Reflex | Changeable Data      |
| MFE.4.3      | Name of Coding System          | 99USL                              | Changeable Data      |
| MFE.4.7      | Coding System Version ID       | 20130421                           | Changeable Data      |
| <b>MFE.5</b> | <b>Primary Key Value Type</b>  | CWE                                | IG Fixed Data        |

#### OM1

| Location     | Data Element  | Data                                 | Categorization  |
|--------------|---|--------------------------------------|-----------------|
| <b>OM1.1</b> | <b>Sequence Number - Test/Observation Master File</b> | 5                                    | IG Fixed Data   |
| <b>OM1.2</b> | <b>Producer's Service/Test/Observation ID</b>         |                                      |                 |
| OM1.2.1      | Identifier  | 1000                                 | Changeable Data |
| OM1.2.2      | Text  | Hepatitis A B C Panel_ With Reflex   | Changeable Data |
| OM1.2.3      | Name of Coding System                                 | 99USL                                | Changeable Data |
| OM1.2.7      | Coding System Version ID                              | 20130421                             | Changeable Data |
| <b>OM1.4</b> | <b>Specimen Required</b>                              | Y                                    | Changeable Data |
| <b>OM1.5</b> | <b>Producer ID</b>                                    |                                      |                 |
| OM1.5.1      | Identifier  | 05D0669071                           | Changeable Data |
| OM1.5.2      | Text  | Century Hospital Clinical Laboratory | Changeable Data |
| OM1.5.3      | Name of Coding System                                 | 99USL                                | Changeable Data |

| Location | Preferred Report Name for the Observation | Hepatitis A B C Panel With Reflex   | Changeable Data      |
|----------|---|---|----------------------|
| OM1.12   | Orderability                              | Y   | Test Case Fixed Data |
| OM1.18   | Nature of Service/Test/Observation        | P   | Test Case Fixed Data |
| OM1.34   | Reflex Tests/Observations                 |   |                      |
| OM1.34.1 | Identifier                                | 1010  | Test Case Fixed Data |
| OM1.34.2 | Text                                      | Hepatitis C RNA PCR   | Test Case Fixed Data |
| OM1.34.3 | Name of Coding System                     | 99USL   | Test Case Fixed Data |
| OM1.34.4 | Alternate Identifier                      | 11011-4   | Test Case Fixed Data |
| OM1.34.5 | Alternate Text                            | Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method   | Test Case Fixed Data |
| OM1.34.6 | Name of Alternate Coding System           | LN  | Test Case Fixed Data |
| OM1.35   | Rules that Trigger Reflex Testing         | Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. 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.  | Test Case Fixed Data |
| OM1.39   | Factors that may Affect the Observation   | Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triolein level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter - Cadaveric specimen | Changeable Data      |

#### OM5

| Location   | Data Element  | Data  | Categorization  |
|------------|---|---|-----------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 5   | IG Fixed Data   |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2.1    | Identifier  | 1001  | Changeable Data |
| OM5.2.2    | Text  | Hepatitis A IgM antibodies (IgM anti-HAV)     | Changeable Data |
| OM5.2.3    | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2.4    | Alternate Identifier                                      | 22314-9                                       | Changeable Data |
| OM5.2.5    | Alternate Text  | Hepatitis A virus IgM Ab [Presence] in Serum  | Changeable Data |
| OM5.2.6    | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2[2].1 | Identifier  | 1002  | Changeable Data |
| OM5.2[2].2 | Text  | Hepatitis A antibodies (anti-HAV)             | Changeable Data |
| OM5.2[2].3 | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2[2].4 | Alternate Identifier                                      | 20575-7                                       | Changeable Data |
| OM5.2[2].5 | Alternate Text  | Hepatitis A virus Ab [Presence] in Serum      | Changeable Data |
| OM5.2[2].6 | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2[3].1 | Identifier  | 1003  | Changeable Data |
| OM5.2[3].2 | Text  | Hepatitis B core antibodies (anti-HBVC)       | Changeable Data |
| OM5.2[3].3 | Name of Coding System                                     | 99USL   | Changeable Data |
| OM5.2[3].4 | Alternate Identifier                                      | 16933-4                                       | Changeable Data |
| OM5.2[3].5 | Alternate Text  | Hepatitis B virus core Ab [Presence] in Serum | Changeable Data |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN  | Changeable Data |
| OM5.2[4]   | Test/Observations Included Within an Ordered Test Battery |   |                 |
| OM5.2[4].1 | Identifier  | 1004  | Changeable Data |



| Location         | Data Element   | Data  | Categorization  |
|------------------|--|---|-----------------|
| OM5.2[1]         | Text   | Hepatitis B core antibodies (anti-HBVe) Quant   | Changeable Data |
| OM5.2[4].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[4].4       | Alternate Identifier   | 22316-4   | Changeable Data |
| OM5.2[4].5       | Alternate Text   | Hepatitis B virus core Ab [Units/volume] in Serum   | Changeable Data |
| OM5.2[4].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[5]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[5].1       | Identifier   | 1005  | Changeable Data |
| OM5.2[5].2       | Text   | Hepatitis B e antibodies (anti-HBVe)  | Changeable Data |
| OM5.2[5].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[5].4       | Alternate Identifier   | 22320-6   | Changeable Data |
| OM5.2[5].5       | Alternate Text   | Hepatitis B virus e Ab [Presence] in Serum  | Changeable Data |
| OM5.2[5].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[6]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[6].1       | Identifier   | 1006  | Changeable Data |
| OM5.2[6].2       | Text   | Hepatitis B surface antigen (HBsAg)   | Changeable Data |
| OM5.2[6].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[6].4       | Alternate Identifier   | 5195-3  | Changeable Data |
| OM5.2[6].5       | Alternate Text   | Hepatitis B virus surface Ag [Presence] in Serum  | Changeable Data |
| OM5.2[6].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[7]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[7].1       | Identifier   | 1007  | Changeable Data |
| OM5.2[7].2       | Text   | Hepatitis B surface antibody (anti-HBVs)  | Changeable Data |
| OM5.2[7].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[7].4       | Alternate Identifier   | 22322-2   | Changeable Data |
| OM5.2[7].5       | Alternate Text   | Hepatitis B virus surface Ab [Presence] in Serum  | Changeable Data |
| OM5.2[7].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[8]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[8].1       | Identifier   | 1008  | Changeable Data |
| OM5.2[8].2       | Text   | Hepatitis C antibody screen (anti-HCV)  | Changeable Data |
| OM5.2[8].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[8].4       | Alternate Identifier   | 16128-1   | Changeable Data |
| OM5.2[8].5       | Alternate Text   | Hepatitis C virus Ab [Presence] in Serum  | Changeable Data |
| OM5.2[8].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[9]</b>  | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[9].1       | Identifier   | 1009  | Changeable Data |
| OM5.2[9].2       | Text   | Hepatitis C antibodies Signal to Cut-off Ratio  | Changeable Data |
| OM5.2[9].3       | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[9].4       | Alternate Identifier   | 48159-8   | Changeable Data |
| OM5.2[9].5       | Alternate Text   | Hepatitis C virus Ab Signal/Cutoff in Serum or Plasma by Immunoassay  | Changeable Data |
| OM5.2[9].6       | Name of Alternate Coding System                                  | LN  | Changeable Data |
| <b>OM5.2[10]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                 |
| OM5.2[10].1      | Identifier   | 1010  | Changeable Data |
| OM5.2[10].2      | Text   | Hepatitis C RNA PCR   | Changeable Data |
| OM5.2[10].3      | Name of Coding System  | 99USL   | Changeable Data |
| OM5.2[10].4      | Alternate Identifier   | 11011-4   | Changeable Data |
| OM5.2[10].5      | Alternate Text   | Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method | Changeable Data |

| OM4.10.6 | Name of Alternate Coding System | LN | Data | Changeable Data |
|----------|---------------------------------|----|------|-----------------|
|----------|---------------------------------|----|------|-----------------|

#### OM4

| Location   | Data Element                                   | Data   | Categorization       |
|------------|--|--|----------------------|
| OM4.1      | Sequence Number - Test/Observation Master File | 5  | IG Fixed Data        |
| OM4.3      | Container Description                          | Gold Serum Separator tube                            | Changeable Data      |
| OM4.4      | Container Volume                               | 5.0  | Changeable Data      |
| OM4.5      | Container Units                                |  |                      |
| OM4.5.1    | Identifier                                     | mL   | Changeable Data      |
| OM4.5.2    | Text   | milliliter   | Changeable Data      |
| OM4.5.3    | Name of Coding System                          | UCUM   | Changeable Data      |
| OM4.5.7    | Coding System Version ID                       | 1.8  | Changeable Data      |
| OM4.6      | Specimen                                       |  |                      |
| OM4.6.1    | Identifier                                     | 119364003  | Test Case Fixed Data |
| OM4.6.2    | Text   | Serum specimen                                       | Changeable Data      |
| OM4.6.3    | Name of Coding System                          | SCT  | Test Case Fixed Data |
| OM4.6.7    | Coding System Version ID                       | 201509-US Ed   | Changeable Data      |
| OM4.10     | Normal Collection Volume                       |  |                      |
| OM4.10.1   | Quantity                                       | 4  | Changeable Data      |
| OM4.10.2   | Units  |  |                      |
| OM4.10.2.1 | Identifier                                     | mL   | Changeable Data      |
| OM4.10.2.2 | Text   | milliliter   | Changeable Data      |
| OM4.10.2.3 | Name of Coding System                          | UCUM   | IG Fixed Data        |
| OM4.10.2.7 | Coding System Version ID                       | 1.8  | Changeable Data      |
| OM4.11     | Minimum Collection Volume                      |  |                      |
| OM4.11.1   | Quantity                                       | 2.5  | Changeable Data      |
| OM4.11.2   | Units  |  |                      |
| OM4.11.2.1 | Identifier                                     | mL   | Changeable Data      |
| OM4.11.2.2 | Text   | milliliter   | Changeable Data      |
| OM4.11.2.3 | Name of Coding System                          | UCUM   | IG Fixed Data        |
| OM4.11.2.7 | Coding System Version ID                       | 1.8  | Changeable Data      |
| OM4.12     | Specimen Requirements                          | Spin down and remove serum from clot within 6 hours. | Changeable Data      |
| OM4.15     | Specimen Handling Code                         |  |                      |
| OM4.15.1   | Identifier                                     | FRZ  | Changeable Data      |
| OM4.15.2   | Text   | Frozen   | Changeable Data      |
| OM4.15.3   | Name of Coding System                          | HL70376  | IG Fixed Data        |
| OM4.16     | Specimen Preference                            | P  | Test Case Fixed Data |

#### MFE

| Location | Data Element             | Data  | Categorization       |
|----------|--------------------------|---|----------------------|
| MFE.1    | Record-Level Event Code  | MAD   | Test Case Fixed Data |
| MFE.3    | Effective Date/Time      |   |                      |
| MFE.3.1  | Time                     | 20131219145310                                  | System Generated     |
| MFE.4    | Primary Key Value - MFE  |   |                      |
| MFE.4.1  | Identifier               | 1300  | Changeable Data      |
| MFE.4.2  | Text                     | Arbovirus IgG and IgM Panel (DNG, WNV) in Serum | Changeable Data      |
| MFE.4.3  | Name of Coding System    | 99USL   | Changeable Data      |
| MFE.4.7  | Coding System Version ID | 20130421  | Changeable Data      |
| MFE.5    | Primary Key Value Type   | CWE   | IG Fixed Data        |

#### OM1

| Location | Data Element                                   | Data | Categorization |
|----------|--|------|----------------|
| OM1.1    | Sequence Number - Test/Observation Master File | 6    | IG Fixed Data  |
|          | Producer's Service/Test/Observation            |      |                |

| Location   | Data Element                                  | Data  | Categorization       |
|------------|---|---|----------------------|
| OM1.2.1    | Identifier                                    | 1300  | Changeable Data      |
| OM1.2.2    | Text  | Arbovirus IgG and IgM Panel (DNG, WNV) in Serum | Changeable Data      |
| OM1.2.3    | Name of Coding System                         | 99USL   | Changeable Data      |
| OM1.2.7    | Coding System Version ID                      | 20130421  | Changeable Data      |
| OM1.4      | Specimen Required                             | N   | Changeable Data      |
| OM1.5      | Producer ID                                   |   |                      |
| OM1.5.1    | Identifier                                    | 05D0669071                                      | Changeable Data      |
| OM1.5.2    | Text  | Century Hospital Clinical Laboratory            | Changeable Data      |
| OM1.5.3    | Name of Coding System                         | 99USL   | Changeable Data      |
| OM1.5.7    | Coding System Version ID                      | 2013  | Changeable Data      |
| OM1.9      | Preferred Report Name for the Observation     | Arbovirus Panel for Dengue, West Nile Virus     | Changeable Data      |
| OM1.12     | Orderability                                  | Y   | Test Case Fixed Data |
| OM1.18     | Nature of Service/Test/Observation            | P   | Test Case Fixed Data |
| OM1.39     | Factors that may Affect the Observation       | Insufficient specimen, Improper labeling.       | Changeable Data      |
| OM1.40     | Service/Test/Observation Performance Schedule | Monday through Friday                           | Changeable Data      |
| OM1.48     | Exclusive Test                                | N   | Changeable Data      |
| OM1.49     | Diagnostic Service Sector ID                  | LAB   | Changeable Data      |
| OM1.57     | Expected Turn-Around Time                     |   |                      |
| OM1.57.1   | Quantity                                      | 2   | Changeable Data      |
| OM1.57.2   | Units   |   |                      |
| OM1.57.2.2 | Text  | day   | Changeable Data      |

#### OM5

| Location   | Data Element  | Data                                    | Categorization       |
|------------|---|---|----------------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 6                                       | IG Fixed Data        |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |   |                      |
| OM5.2.1    | Identifier  | 1301                                    | Changeable Data      |
| OM5.2.2    | Text  | Dengue Virus IgG Titer Serum            | Changeable Data      |
| OM5.2.3    | Name of Coding System                                     | 99USL                                   | Changeable Data      |
| OM5.2.4    | Alternate Identifier                                      | 6811-4                                  | Test Case Fixed Data |
| OM5.2.5    | Alternate Text  | Dengue virus IgG Ab [Titer] in Serum    | Changeable Data      |
| OM5.2.6    | Name of Alternate Coding System                           | LN                                      | Changeable Data      |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |   |                      |
| OM5.2[2].1 | Identifier  | 1302                                    | Changeable Data      |
| OM5.2[2].2 | Text  | Dengue Virus IgM Titer Serum            | Changeable Data      |
| OM5.2[2].3 | Name of Coding System                                     | 99USL                                   | Changeable Data      |
| OM5.2[2].4 | Alternate Identifier                                      | 6812-2                                  | Test Case Fixed Data |
| OM5.2[2].5 | Alternate Text  | Dengue virus IgM Ab [Titer] in Serum    | Changeable Data      |
| OM5.2[2].6 | Name of Alternate Coding System                           | LN                                      | Changeable Data      |
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |   |                      |
| OM5.2[3].1 | Identifier  | 1303                                    | Changeable Data      |
| OM5.2[3].2 | Text  | WNV IgG Titer Serum                     | Changeable Data      |
| OM5.2[3].3 | Name of Coding System                                     | 99USL                                   | Changeable Data      |
| OM5.2[3].4 | Alternate Identifier                                      | 33329-4                                 | Changeable Data      |
| OM5.2[3].5 | Alternate Text  | West Nile virus IgG Ab [Titer] in Serum | Changeable Data      |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN                                      | Changeable Data      |
| OM5.2[4]   | Test/Observations Included Within an Ordered Test Battery |   |                      |
| OM5.2[4].1 | Identifier  | 1304                                    | Changeable Data      |
| OM5.2[4].2 | Text  | WNV Virus IgM Titer Serum               | Changeable Data      |

| Location   | Data Element                    | Data                                    | Categorization       |
|------------|---------------------------------|---|----------------------|
| OM5.2[4].3 | Name of Coding System           | 99USL                                   | Changeable Data      |
| OM5.2[4].4 | Alternate Identifier            | 33331-0                                 | Test Case Fixed Data |
| OM5.2[4].5 | Alternate Text                  | West Nile virus IgM Ab [Titer] in Serum | Changeable Data      |
| OM5.2[4].6 | Name of Alternate Coding System | LN                                      | Changeable Data      |

#### OM4

| Location        | Data Element  | Data  | Categorization       |
|-----------------|---|---|----------------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 6   | IG Fixed Data        |
| <b>OM4.3</b>    | <b>Container Description</b>                          | Gold Serum Separator tube   | Changeable Data      |
| <b>OM4.3[2]</b> | <b>Container Description</b>                          | Red, No Additive tube   | Changeable Data      |
| <b>OM4.4</b>    | <b>Container Volume</b>                               | 5.0   | Changeable Data      |
| <b>OM4.4[2]</b> | <b>Container Volume</b>                               | 5.0   | Changeable Data      |
| <b>OM4.5</b>    | <b>Container Units</b>                                |   |                      |
| OM4.5.1         | Identifier  | mL  | Changeable Data      |
| OM4.5.2         | Text  | milliliter  | Changeable Data      |
| OM4.5.3         | Name of Coding System                                 | UCUM  | Changeable Data      |
| OM4.5.7         | Coding System Version ID                              | 1.8   | Changeable Data      |
| <b>OM4.5[2]</b> | <b>Container Units</b>                                |   |                      |
| OM4.5[2].1      | Identifier  | mL  | Changeable Data      |
| OM4.5[2].2      | Text  | milliliter  | Changeable Data      |
| OM4.5[2].3      | Name of Coding System                                 | UCUM  | Changeable Data      |
| OM4.5[2].7      | Coding System Version ID                              | 1.8   | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                                       |   |                      |
| OM4.6.1         | Identifier  | 119364003   | Test Case Fixed Data |
| OM4.6.2         | Text  | Serum specimen  | Changeable Data      |
| OM4.6.3         | Name of Coding System                                 | SCT   | Test Case Fixed Data |
| OM4.6.7         | Coding System Version ID                              | 201509-US Ed  | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>                       |   |                      |
| OM4.10.1        | Quantity  | 1   | Changeable Data      |
| OM4.10.2        | Units   |   |                      |
| OM4.10.2.1      | Identifier  | mL  | Changeable Data      |
| OM4.10.2.2      | Text  | milliliter  | Changeable Data      |
| OM4.10.2.3      | Name of Coding System                                 | UCUM  | IG Fixed Data        |
| <b>OM4.11</b>   | <b>Minimum Collection Volume</b>                      |   |                      |
| OM4.11.1        | Quantity  | 0.5   | Changeable Data      |
| OM4.11.2        | Units   |   |                      |
| OM4.11.2.1      | Identifier  | mL  | Changeable Data      |
| OM4.11.2.2      | Text  | milliliter  | Changeable Data      |
| OM4.11.2.3      | Name of Coding System                                 | UCUM  | IG Fixed Data        |
| OM4.11.2.7      | Coding System Version ID                              | 1.8   | Changeable Data      |
| <b>OM4.12</b>   | <b>Specimen Requirements</b>                          | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. | Changeable Data      |
| <b>OM4.15</b>   | <b>Specimen Handling Code</b>                         |   |                      |
| OM4.15.1        | Identifier  | REF   | Changeable Data      |
| OM4.15.2        | Text  | Refrigerated temperature  | Changeable Data      |
| OM4.15.3        | Name of Coding System                                 | HL70376   | IG Fixed Data        |
| OM4.15.7        | Coding System Version ID                              | 2.5.1   | Changeable Data      |
| <b>OM4.16</b>   | <b>Specimen Preference</b>                            | P   | Test Case Fixed Data |

#### MFE

| Location     | Data Element                   | Data           | Categorization       |
|--------------|--------------------------------|----------------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MAD            | Test Case Fixed Data |
| <b>MFE.3</b> | <b>Effective Date/Time</b>     |                |                      |
| MFE.3.1      | Time                           | 20131219145310 | System Generated     |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                |                      |

| Location | Data Element             | Data                 | Categorization  |
|----------|--------------------------|----------------------|-----------------|
| MFE.4.1  | Identifier               | 1200                 | Changeable Data |
| MFE.4.2  | Text                     | Creatinine Clearance | Changeable Data |
| MFE.4.3  | Name of Coding System    | 99USL                | Changeable Data |
| MFE.4.7  | Coding System Version ID | 20130421             | Changeable Data |
| MFE.5    | Primary Key Value Type   | CWE                  | IG Fixed Data   |

#### OM1

| Location   | Data Element   | Data                                      | Categorization       |
|------------|--|---|----------------------|
| OM1.1      | Sequence Number - Test/Observation Master File         | 7   | IG Fixed Data        |
| OM1.2      | Producer's Service/Test/Observation ID                 |   |                      |
| OM1.2.1    | Identifier   | 1200                                      | Changeable Data      |
| OM1.2.2    | Text   | Creatinine Clearance                      | Changeable Data      |
| OM1.2.3    | Name of Coding System                                  | 99USL                                     | Changeable Data      |
| OM1.2.7    | Coding System Version ID                               | 20130421                                  | Changeable Data      |
| OM1.4      | Specimen Required                                      | Y   | Changeable Data      |
| OM1.5      | Producer ID  |   |                      |
| OM1.5.1    | Identifier   | 05D0669071                                | Changeable Data      |
| OM1.5.2    | Text   | Century Hospital Clinical Laboratory      | Changeable Data      |
| OM1.5.3    | Name of Coding System                                  | 99USL                                     | Changeable Data      |
| OM1.5.7    | Coding System Version ID                               | 2013                                      | Changeable Data      |
| OM1.7      | Other Service/Test/Observation IDs for the Observation |   |                      |
| OM1.7.1    | Identifier   | 34555-3                                   | Test Case Fixed Data |
| OM1.7.2    | Text   | Creatinine 24H renal clearance panel      | Changeable Data      |
| OM1.7.3    | Name of Coding System                                  | LN  | Test Case Fixed Data |
| OM1.9      | Preferred Report Name for the Observation              | Creatinine Clearance                      | Changeable Data      |
| OM1.12     | Orderability   | Y   | Test Case Fixed Data |
| OM1.18     | Nature of Service/Test/Observation                     | P   | Test Case Fixed Data |
| OM1.39     | Factors that may Affect the Observation                | Insufficient specimen, Improper labeling. | Changeable Data      |
| OM1.40     | Service/Test/Observation Performance Schedule          | Monday through Friday                     | Changeable Data      |
| OM1.48     | Exclusive Test   | N   | Changeable Data      |
| OM1.49     | Diagnostic Service Sector ID                           | LAB                                       | Changeable Data      |
| OM1.57     | Expected Turn-Around Time                              |   |                      |
| OM1.57.1   | Quantity   | 1   | Changeable Data      |
| OM1.57.2   | Units  |   |                      |
| OM1.57.2.2 | Text   | day                                       | Changeable Data      |

#### OM5

| Location   | Data Element  | Data                               | Categorization       |
|------------|---|------------------------------------|----------------------|
| OM5.1      | Sequence Number - Test/Observation Master File            | 7                                  | IG Fixed Data        |
| OM5.2      | Test/Observations Included Within an Ordered Test Battery |                                    |                      |
| OM5.2.1    | Identifier  | 1904                               | Changeable Data      |
| OM5.2.2    | Text  | Urine Volume of 24 hour collection | Changeable Data      |
| OM5.2.3    | Name of Coding System                                     | 99USL                              | Changeable Data      |
| OM5.2.4    | Alternate Identifier                                      | 3167-4                             | Test Case Fixed Data |
| OM5.2.5    | Alternate Text  | Volume of 24 hour Urine            | Changeable Data      |
| OM5.2.6    | Name of Alternate Coding System                           | LN                                 | Changeable Data      |
| OM5.2[2]   | Test/Observations Included Within an Ordered Test Battery |                                    |                      |
| OM5.2[2].1 | Identifier  | 1201                               | Changeable Data      |
| OM5.2[2].2 | Text  | Creatinine Clearance in 24 hours   | Changeable Data      |
| OM5.2[2].3 | Name of Coding System                                     | 99USL                              | Changeable Data      |

| Location        | Data Element   | Data  | Test Case Fixed Data |
|-----------------|--|---|----------------------|
| OM5.2[2].4      | Alternate Identifier   | 2164-2  | Changeable Data      |
| OM5.2[2].5      | Alternate Text   | Creatinine renal clearance in 24 hour   | Changeable Data      |
| OM5.2[2].6      | Name of Alternate Coding System                                  | LN  | Changeable Data      |
| <b>OM5.2[3]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2[3].1      | Identifier   | 102   | Changeable Data      |
| OM5.2[3].2      | Text   | Creatinine  | Changeable Data      |
| OM5.2[3].3      | Name of Coding System  | 99USL   | Changeable Data      |
| OM5.2[3].4      | Alternate Identifier   | 2160-0  | Changeable Data      |
| OM5.2[3].5      | Alternate Text   | Creatinine [Mass/volume] in Serum or Plasma                                       | Changeable Data      |
| OM5.2[3].6      | Name of Alternate Coding System                                  | LN  | Changeable Data      |
| <b>OM5.2[4]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2[4].1      | Identifier   | 110   | Changeable Data      |
| OM5.2[4].2      | Text   | GFR, calculated   | Changeable Data      |
| OM5.2[4].3      | Name of Coding System  | 99USL   | Changeable Data      |
| OM5.2[4].4      | Alternate Identifier   | 33914-3   | Test Case Fixed Data |
| OM5.2[4].5      | Alternate Text   | Glomerular filtration rate/1.73 sq M.predicted by Creatinine-based formula (MDRD) | Changeable Data      |
| OM5.2[4].6      | Name of Alternate Coding System                                  | LN  | Changeable Data      |
| <b>OM5.2[5]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2[5].1      | Identifier   | 1202  | Changeable Data      |
| OM5.2[5].2      | Text   | Creatinine in 24 hr Urine   | Changeable Data      |
| OM5.2[5].3      | Name of Coding System  | 99USL   | Changeable Data      |
| OM5.2[5].4      | Alternate Identifier   | 20624-3   | Test Case Fixed Data |
| OM5.2[5].5      | Alternate Text   | Creatinine [Mass/volume] in 24 hour Urine   | Changeable Data      |
| OM5.2[5].6      | Name of Alternate Coding System                                  | LN  | Changeable Data      |
| <b>OM5.2[6]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2[6].1      | Identifier   | 1906  | Changeable Data      |
| OM5.2[6].2      | Text   | What is the Clinically Relevant Race?   | Changeable Data      |
| OM5.2[6].3      | Name of Coding System  | 99USL   | Changeable Data      |
| OM5.2[6].4      | Alternate Identifier   | 32624-9   | Test Case Fixed Data |
| OM5.2[6].5      | Alternate Text   | Race  | Changeable Data      |
| OM5.2[6].6      | Name of Alternate Coding System                                  | LN  | Changeable Data      |

#### OM4

| Location     | Data Element  | Data                                   | Categorization       |
|--------------|---|--|----------------------|
| <b>OM4.1</b> | <b>Sequence Number - Test/Observation Master File</b> | 7.1                                    | IG Fixed Data        |
| <b>OM4.3</b> | <b>Container Description</b>                          | Sterile, plastic, leak proof container | Changeable Data      |
| <b>OM4.4</b> | <b>Container Volume</b>                               | 2000                                   | Changeable Data      |
| <b>OM4.5</b> | <b>Container Units</b>                                |  |                      |
| OM4.5.1      | Identifier  | mL                                     | Changeable Data      |
| OM4.5.2      | Text  | milliliter                             | Changeable Data      |
| OM4.5.3      | Name of Coding System                                 | UCUM                                   | Changeable Data      |
| OM4.5.7      | Coding System Version ID                              | 1.8                                    | Changeable Data      |
| <b>OM4.6</b> | <b>Specimen</b>                                       |  |                      |
| OM4.6.1      | Identifier  | 122575003                              | Test Case Fixed Data |
| OM4.6.2      | Text  | Urine specimen                         | Changeable Data      |
| OM4.6.3      | Name of Coding System                                 | SCT                                    | Test Case Fixed Data |
| OM4.6.4      | Alternate Identifier                                  | 24HrUR                                 | Changeable Data      |
| OM4.6.5      | Alternate Text  | 24 hour urine                          | Changeable Data      |
| OM4.6.6      | Name of Alternate Coding System                       | 99USL                                  | Changeable Data      |
| OM4.6.7      | Coding System Version ID                              | 201509-US Ed                           | Changeable Data      |
| OM4.6.8      | Alternate Coding System Version ID                    | 2014                                   | Changeable Data      |



| Location      | Data Element                     | Data                     | Categorization       |
|---------------|----------------------------------|--------------------------|----------------------|
| <b>OM4.10</b> | <b>Normal Collection Volume</b>  |                          |                      |
| OM4.10.1      | Quantity                         | 20                       | Changeable Data      |
| OM4.10.2      | Units                            |                          |                      |
| OM4.10.2.1    | Identifier                       | mL                       | Changeable Data      |
| OM4.10.2.2    | Text                             | milliliter               | Changeable Data      |
| OM4.10.2.3    | Name of Coding System            | UCUM                     | IG Fixed Data        |
| OM4.10.2.7    | Coding System Version ID         | 1.8                      | Changeable Data      |
| <b>OM4.11</b> | <b>Minimum Collection Volume</b> |                          |                      |
| OM4.11.1      | Quantity                         | 4                        | Changeable Data      |
| OM4.11.2      | Units                            |                          |                      |
| OM4.11.2.1    | Identifier                       | mL                       | Changeable Data      |
| OM4.11.2.2    | Text                             | milliliter               | Changeable Data      |
| OM4.11.2.3    | Name of Coding System            | UCUM                     | IG Fixed Data        |
| OM4.11.2.7    | Coding System Version ID         | 1.8                      | Changeable Data      |
| <b>OM4.12</b> | <b>Specimen Requirements</b>     | Keep refrigerated        | Changeable Data      |
| <b>OM4.15</b> | <b>Specimen Handling Code</b>    |                          |                      |
| OM4.15.1      | Identifier                       | REF                      | Changeable Data      |
| OM4.15.2      | Text                             | Refrigerated temperature | Changeable Data      |
| OM4.15.3      | Name of Coding System            | HL70376                  | IG Fixed Data        |
| OM4.15.7      | Coding System Version ID         | 2.5.1                    | Changeable Data      |
| <b>OM4.16</b> | <b>Specimen Preference</b>       | P                        | Test Case Fixed Data |

#### OM4

| Location        | Data Element  | Data                     | Categorization       |
|-----------------|---|--------------------------|----------------------|
| <b>OM4.1</b>    | <b>Sequence Number - Test/Observation Master File</b> | 7.2                      | IG Fixed Data        |
| <b>OM4.3</b>    | <b>Container Description</b>                          | Lavender Top (EDTA) tube | Changeable Data      |
| <b>OM4.3[2]</b> | <b>Container Description</b>                          | Pink Top (K2EDTA) tube   | Changeable Data      |
| <b>OM4.4</b>    | <b>Container Volume</b>                               | 3.0                      | Changeable Data      |
| <b>OM4.4[2]</b> | <b>Container Volume</b>                               | 3.0                      | Changeable Data      |
| <b>OM4.5</b>    | <b>Container Units</b>                                |                          |                      |
| OM4.5.1         | Identifier  | mL                       | Changeable Data      |
| OM4.5.2         | Text  | milliliters              | Changeable Data      |
| OM4.5.3         | Name of Coding System                                 | UCUM                     | Changeable Data      |
| OM4.5.7         | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.5[2]</b> | <b>Container Units</b>                                |                          |                      |
| OM4.5[2].1      | Identifier  | mL                       | Changeable Data      |
| OM4.5[2].2      | Text  | milliliters              | Changeable Data      |
| OM4.5[2].3      | Name of Coding System                                 | UCUM                     | Changeable Data      |
| OM4.5[2].7      | Coding System Version ID                              | 1.8                      | Changeable Data      |
| <b>OM4.6</b>    | <b>Specimen</b>                                       |                          |                      |
| OM4.6.1         | Identifier  | 119297000                | Test Case Fixed Data |
| OM4.6.2         | Text  | Blood sample             | Changeable Data      |
| OM4.6.3         | Name of Coding System                                 | SCT                      | Test Case Fixed Data |
| OM4.6.4         | Alternate Identifier                                  | WBLD                     | Changeable Data      |
| OM4.6.5         | Alternate Text  | Whole blood              | Changeable Data      |
| OM4.6.6         | Name of Alternate Coding System                       | 99USL                    | Changeable Data      |
| OM4.6.7         | Coding System Version ID                              | 201509-US Ed             | Changeable Data      |
| OM4.6.8         | Alternate Coding System Version ID                    | 2014                     | Changeable Data      |
| OM4.6.9         | Original Text   | Whole blood              | Changeable Data      |
| <b>OM4.7</b>    | <b>Additive</b>                                       |                          |                      |
| OM4.7.1         | Identifier  | EDTK                     | Changeable Data      |
| OM4.7.2         | Text  | Potassium/K EDTA         | Changeable Data      |
| OM4.7.3         | Name of Coding System                                 | HL70371                  | Changeable Data      |
| OM4.7.7         | Coding System Version ID                              | 2.5.1                    | Changeable Data      |
| <b>OM4.10</b>   | <b>Normal Collection Volume</b>                       |                          |                      |

| OM4.10.1<br>Location | Quantity                         | Data Element | 3  | Data | Changeable Data      | Categorization |
|----------------------|----------------------------------|--------------|--|------|----------------------|----------------|
| OM4.10.2             | Units                            |              |  |      |                      |                |
| OM4.10.2.1           | Identifier                       |              | mL   |      | Changeable Data      |                |
| OM4.10.2.2           | Text                             |              | milliliters  |      | Changeable Data      |                |
| OM4.10.2.3           | Name of Coding System            |              | UCUM   |      | IG Fixed Data        |                |
| OM4.10.2.7           | Coding System Version ID         |              | 1.8  |      | Changeable Data      |                |
| <b>OM4.11</b>        | <b>Minimum Collection Volume</b> |              |  |      |                      |                |
| OM4.11.1             | Quantity                         |              | 0.5  |      | Changeable Data      |                |
| OM4.11.2             | Units                            |              |  |      |                      |                |
| OM4.11.2.1           | Identifier                       |              | mL   |      | Changeable Data      |                |
| OM4.11.2.2           | Text                             |              | milliliters  |      | Changeable Data      |                |
| OM4.11.2.3           | Name of Coding System            |              | UCUM   |      | IG Fixed Data        |                |
| OM4.11.2.7           | Coding System Version ID         |              | 1.8  |      | Changeable Data      |                |
| <b>OM4.12</b>        | <b>Specimen Requirements</b>     |              | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. |      | Changeable Data      |                |
| <b>OM4.15</b>        | <b>Specimen Handling Code</b>    |              |  |      |                      |                |
| OM4.15.1             | Identifier                       |              | CREF   |      | Changeable Data      |                |
| OM4.15.2             | Text                             |              | Critical refrigerated  |      | Changeable Data      |                |
| OM4.15.3             | Name of Coding System            |              | HL70376  |      | IG Fixed Data        |                |
| OM4.15.7             | Coding System Version ID         |              | 2.5.1  |      | Changeable Data      |                |
| <b>OM4.16</b>        | <b>Specimen Preference</b>       |              | P  |      | Test Case Fixed Data |                |

| Element    | Data |
|------------|------|
| Identifier | OMC  |
| Event code | REP  |

Panel/Test battery Information - CMP  
Record information

| Element                             | Data           |
|-------------------------------------|----------------|
| Event code                          | MAD            |
| Effective date and time             | 20131219145310 |
| Test/Panel Name                     | CMP            |
| Test/Panel identifier (code system) | 100 (99USL)    |

General information

| Element                                   | Data   |
|---|--|
| Specimen required ?                       | Y  |
| Test/Panel other name                     | Comprehensive metabolic 2000 panel - Serum or Plasma   |
| Test/Panel other identifier (code system) | 24323-8 (LN)   |
| Preferred Short Name                      | CMP  |
| Is the test/panel orderable ?             | Y  |
| Nature                                    | P  |
| Interpretation                            | Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function. |
| Patient preparation                       | Patient fasting required for 12 hours.   |
| Factors that may affect the test          | Insufficient specimen, Gross hemolysis, Improper labeling.                                   |
| Schedule                                  | Daily  |
| Is the test exclusive ?                   | N  |
| Diagnostic Service Sector                 | LAB  |
| Test alias                                | CMP  |
| Expected turn around time                 | 1 day  |

Panel/Test battery Details

| Element  | Data                      |
|--|---------------------------|
| Test included in panel/test battery                      | Serum Glucose             |
| Test included in panel/test battery (code & code system) | 104 (99USL)               |
| Test included in panel/test battery                      | Blood Urea Nitrogen (BUN) |
| Test included in panel/test battery (code & code system) | 106 (99USL)               |
| Test included in panel/test battery                      | Creatinine                |
| Test included in panel/test battery (code & code system) | 102 (99USL)               |
| Test included in panel/test battery                      | BUN/Creatinine Ratio      |
| Test included in panel/test battery (code & code system) | 108 (99USL)               |
| Test included in panel/test battery                      | GFR, calculated           |
| Test included in panel/test battery (code & code system) | 110 (99USL)               |
| Test included in panel/test battery                      | Calcium                   |
| Test included in panel/test battery (code & code system) | 112 (99USL)               |
| Test included in panel/test battery                      | Total protein, serum      |
| Test included in panel/test battery (code & code system) | 114 (99USL)               |
| Test included in panel/test battery                      | Albumin                   |
| Test included in panel/test battery (code & code system) | 116 (99USL)               |
| Test included in panel/test battery                      | Globulin                  |
| Test included in panel/test battery (code & code system) | 118 (99USL)               |
| Test included in panel/test battery                      | Albumin/globulin ratio    |
| Test included in panel/test battery (code & code system) | 120 (99USL)               |
| Test included in panel/test battery                      | Total bilirubin, serum    |
| Test included in panel/test battery (code & code system) | 122 (99USL)               |

|  |                                  |
|--|----------------------------------|
| Test included in panel/test battery                      | Alkaline phosphatase (ALP)       |
| Test included in panel/test battery (code & code system) | 124 (99USL)                      |
| Test included in panel/test battery                      | Alanine aminotransferase (ALT)   |
| Test included in panel/test battery (code & code system) | 126 (99USL)                      |
| Test included in panel/test battery                      | Aspartate aminotransferase (ASP) |
| Test included in panel/test battery (code & code system) | 128 (99USL)                      |
| Test included in panel/test battery                      | Sodium, serum                    |
| Test included in panel/test battery (code & code system) | 130 (99USL)                      |
| Test included in panel/test battery                      | Potassium, serum                 |
| Test included in panel/test battery (code & code system) | 132 (99USL)                      |
| Test included in panel/test battery                      | Chloride, serum                  |
| Test included in panel/test battery (code & code system) | 134 (99USL)                      |
| Test included in panel/test battery                      | Carbon dioxide, serum            |
| Test included in panel/test battery (code & code system) | 136 (99USL)                      |
| Test included in panel/test battery                      | Anion gap                        |
| Test included in panel/test battery (code & code system) | 138 (99USL)                      |

#### Specimen information details

| Element  | Data  |
|--|---|
| Sequence ID  | 1   |
| Container description                              | Gold Serum Separator tube   |
| Container description                              | Red, No Additive tube   |
| Container volume                                   | 5.0   |
| Container volume                                   | 5.0   |
| Container units                                    | milliliter  |
| Container units (code & code system)               | mL (UCUM)   |
| Container units                                    | milliliter  |
| Container units (code & code system)               | mL (UCUM)   |
| Specimen (code & code system)                      | 119364003 (SCT)   |
| Normal collection volume                           | 1   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Normal collection volume                           | 0.5   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Specimen Requirements                              | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. |
| Specimen Handling Code                             | Refrigerated temperature  |
| Specimen Handling Code (code & code system)        | REF (HL70376)   |
| Specimen Preference                                | P   |

#### Panel/Test battery Information - Comprehensive Urinalysis

##### Record information

| Element                             | Data                     |
|-------------------------------------|--------------------------|
| Event code                          | MAD                      |
| Effective date and time             | 20131219145310           |
| Test/Panel Name                     | Comprehensive Urinalysis |
| Test/Panel identifier (code system) | 300 (99USL)              |

##### General information

| Element               | Data                             |
|-----------------------|----------------------------------|
| Specimen required ?   | Y                                |
| Test/Panel other name | Urinalysis panel - Urine by Auto |

|   |  |
|---|--|
| Test/Panel other identifier (code system) | 50564-4 (LN)   |
| Preferred Report Name                     | Comprehensive Urinalysis   |
| Is the test/panel orderable ?             | Y  |
| Nature                                    | P  |
| Interpretation                            | Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic examination of the urine sediment.   |
| Patient preparation                       | Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.   |
| Patient preparation                       | Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted. |
| Factors that may affect the test          | Insufficient specimen, Improper labeling, , presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.  |
| Schedule                                  | Daily  |
| Is the test exclusive ?                   | N  |
| Diagnostic Service Sector                 | LAB  |
| Expected turn around time                 | 1 day  |

Panel/Test battery Details

| Element  | Data                                   |
|--|--|
| Test included in panel/test battery                      | Color of Urine                         |
| Test included in panel/test battery (code & code system) | 344 (99USL)                            |
| Test included in panel/test battery                      | Clarity of Urine                       |
| Test included in panel/test battery (code & code system) | 346 (99USL)                            |
| Test included in panel/test battery                      | Erythrocytes, urine                    |
| Test included in panel/test battery (code & code system) | 302 (99USL)                            |
| Test included in panel/test battery                      | Leukocytes, urine                      |
| Test included in panel/test battery (code & code system) | 304 (99USL)                            |
| Test included in panel/test battery                      | Leukocyte clumps, urine                |
| Test included in panel/test battery (code & code system) | 306 (99USL)                            |
| Test included in panel/test battery                      | Non-squamous epithelial cells. , urine |
| Test included in panel/test battery (code & code system) | 308 (99USL)                            |
| Test included in panel/test battery                      | Squamous epithelial cells. , urine     |
| Test included in panel/test battery (code & code system) | 310 (99USL)                            |
| Test included in panel/test battery                      | Bacteria, urine                        |
| Test included in panel/test battery (code & code system) | 314 (99USL)                            |
| Test included in panel/test battery                      | Crystals , urine                       |
| Test included in panel/test battery (code & code system) | 312 (99USL)                            |
| Test included in panel/test battery                      | Hyaline casts                          |
| Test included in panel/test battery (code & code system) | 316 (99USL)                            |
| Test included in panel/test battery                      | Casts                                  |
| Test included in panel/test battery (code & code system) | 318 (99USL)                            |
| Test included in panel/test battery                      | Spermatozoa, urine                     |
| Test included in panel/test battery (code & code system) | 320 (99USL)                            |
| Test included in panel/test battery                      | Mucus,urine                            |

|  |                           |
|--|---------------------------|
| Test included in panel/test battery (code & code system) | 322 (99USL)               |
| Test included in panel/test battery                      | Total bilirubin,urine     |
| Test included in panel/test battery (code & code system) | 324 (99USL)               |
| Test included in panel/test battery                      | Glucose, urine            |
| Test included in panel/test battery (code & code system) | 326 (99USL)               |
| Test included in panel/test battery                      | Hemoglobin, urine         |
| Test included in panel/test battery (code & code system) | 328 (99USL)               |
| Test included in panel/test battery                      | Ketones , urine           |
| Test included in panel/test battery (code & code system) | 330 (99USL)               |
| Test included in panel/test battery                      | Leukocyte esterase, urine |
| Test included in panel/test battery (code & code system) | 332 (99USL)               |
| Test included in panel/test battery                      | Nitrite, urine            |
| Test included in panel/test battery (code & code system) | 334 (99USL)               |
| Test included in panel/test battery                      | Urine pH                  |
| Test included in panel/test battery (code & code system) | 336 (99USL)               |
| Test included in panel/test battery                      | Protein, urine            |
| Test included in panel/test battery (code & code system) | 338 (99USL)               |
| Test included in panel/test battery                      | Urobilinogen              |
| Test included in panel/test battery (code & code system) | 340 (99USL)               |
| Test included in panel/test battery                      | Urine specific gravity    |
| Test included in panel/test battery (code & code system) | 342 (99USL)               |

Specimen information details

| Element  | Data                                   |
|--|--|
| Sequence ID  | 2                                      |
| Container description                              | Sterile, plastic, leak proof container |
| Container volume                                   | 4                                      |
| Container units                                    | fluid ounce (US)                       |
| Container units (code & code system)               | [foz_us] (UCUM)                        |
| Specimen (code & code system)                      | 122575003 (SCT)                        |
| Normal collection volume                           | 20                                     |
| Normal collection volume unit                      | milliliter                             |
| Normal collection volume unit (code & code system) | mL (UCUM)                              |
| Normal collection volume                           | 4                                      |
| Normal collection volume unit                      | milliliter                             |
| Normal collection volume unit (code & code system) | mL (UCUM)                              |
| Specimen Requirements                              | Keep refrigerated                      |
| Specimen Handling Code                             | Refrigerated temperature               |
| Specimen Handling Code (code & code system)        | REF (HL70376)                          |
| Specimen Preference                                | P                                      |

Panel/Test battery Information - CBC\_diff

Record information

| Element                             | Data           |
|-------------------------------------|----------------|
| Event code                          | MAD            |
| Effective date and time             | 20131219145310 |
| Test/Panel Name                     | CBC_diff       |
| Test/Panel identifier (code system) | 200 (99USL)    |

General information

| Element               | Data                                   |
|-----------------------|--|
| Specimen required ?   | Y                                      |
| Test/Panel other name | CBC W Auto Differential panel in Blood |



|   |   |
|---|---|
| Test/Panel other identifier (code system) | 57021-8 (LN)  |
| Preferred Report Name                     | Complete Blood Count  |
| Is the test/panel orderable ?             | Y   |
| Nature                                    | P   |
| Interpretation                            | A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram |
| Factors that may affect the test          | Insufficient specimen, Improper labeling, improper tube, clotted specimen, hemolyzed sample, dilution of blood.   |
| Schedule                                  | Daily   |
| Is the test exclusive ?                   | N   |
| Diagnostic Service Sector                 | LAB   |
| Prior Results Instructions                | Send prior results for CBC in past 60 days  |
| Expected turn around time                 | 1 day   |

Panel/Test battery Details

| Element  | Data   |
|--|--|
| Test included in panel/test battery                      | Erythrocytes, blood                              |
| Test included in panel/test battery (code & code system) | 202 (99USL)                                      |
| Test included in panel/test battery                      | Hemoglobin (Hb)                                  |
| Test included in panel/test battery (code & code system) | 256 (99USL)                                      |
| Test included in panel/test battery                      | Hematocrit                                       |
| Test included in panel/test battery (code & code system) | 204 (99USL)                                      |
| Test included in panel/test battery                      | Leukocytes, blood                                |
| Test included in panel/test battery (code & code system) | 206 (99USL)                                      |
| Test included in panel/test battery                      | Platelets  |
| Test included in panel/test battery (code & code system) | 208 (99USL)                                      |
| Test included in panel/test battery                      | Mean corpuscular volume (MCV)                    |
| Test included in panel/test battery (code & code system) | 210 (99USL)                                      |
| Test included in panel/test battery                      | Mean corpuscular hemoglobin (MCH)                |
| Test included in panel/test battery (code & code system) | 212 (99USL)                                      |
| Test included in panel/test battery                      | Mean corpuscular hemoglobin Concentration (MCHC) |
| Test included in panel/test battery (code & code system) | 214 (99USL)                                      |
| Test included in panel/test battery                      | Red blood cell distribution width (RDW )         |
| Test included in panel/test battery (code & code system) | 216 (99USL)                                      |
| Test included in panel/test battery                      | Basophils  |
| Test included in panel/test battery (code & code system) | 218 (99USL)                                      |
| Test included in panel/test battery                      | % Basophils                                      |
| Test included in panel/test battery (code & code system) | 220 (99USL)                                      |
| Test included in panel/test battery                      | Monocytes  |
| Test included in panel/test battery (code & code system) | 222 (99USL)                                      |
| Test included in panel/test battery                      | % Monocytes                                      |
| Test included in panel/test battery (code & code system) | 224 (99USL)                                      |
| Test included in panel/test battery                      | Eosinophils                                      |
| Test included in panel/test battery (code & code system) | 226 (99USL)                                      |
| Test included in panel/test battery                      | % Eosinophils                                    |
| Test included in panel/test battery (code & code system) | 228 (99USL)                                      |
| Test included in panel/test battery                      | Lymphocytes                                      |
| Test included in panel/test battery (code & code system) | 230 (99USL)                                      |
| Test included in panel/test battery                      | % Lymphocytes                                    |
| Test included in panel/test battery (code & code system) | 232 (99USL)                                      |

|  |                     |
|--|---------------------|
| Test included in panel/test battery                      | Neutrophils         |
| Test included in panel/test battery (code & code system) | 234 (99USL)         |
| Test included in panel/test battery                      | % Neutrophils       |
| Test included in panel/test battery (code & code system) | 236 (99USL)         |
| Test included in panel/test battery                      | Anisocytosis        |
| Test included in panel/test battery (code & code system) | 238 (99USL)         |
| Test included in panel/test battery                      | Hypochromia         |
| Test included in panel/test battery (code & code system) | 240 (99USL)         |
| Test included in panel/test battery                      | Macrocytosis        |
| Test included in panel/test battery (code & code system) | 242 (99USL)         |
| Test included in panel/test battery                      | Microcytosis        |
| Test included in panel/test battery (code & code system) | 244 (99USL)         |
| Test included in panel/test battery                      | Poikilocytosis      |
| Test included in panel/test battery (code & code system) | 246 (99USL)         |
| Test included in panel/test battery                      | Polychromasia       |
| Test included in panel/test battery (code & code system) | 248 (99USL)         |
| Test included in panel/test battery                      | RBC morphology      |
| Test included in panel/test battery (code & code system) | 250 (99USL)         |
| Test included in panel/test battery                      | WBC morphology      |
| Test included in panel/test battery (code & code system) | 252 (99USL)         |
| Test included in panel/test battery                      | Platelet morphology |
| Test included in panel/test battery (code & code system) | 254 (99USL)         |

#### Specimen information details

| Element  | Data   |
|--|--|
| Sequence ID  | 3  |
| Container description                              | Lavender Top (EDTA) tube   |
| Container description                              | Pink Top (K2EDTA) tube   |
| Container volume                                   | 3.0  |
| Container volume                                   | 3.0  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Specimen (code & code system)                      | 119297000 (SCT)  |
| Specimen (code & code system)                      | EDTK (HL70371)   |
| Normal collection volume                           | 3  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Normal collection volume                           | 0.5  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Specimen Requirements                              | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. |
| Specimen Handling Code                             | Critical refrigerated  |
| Specimen Handling Code (code & code system)        | CREF (HL70376)   |
| Specimen Preference                                | P  |

#### Panel/Test battery Information - GHP Record information

| Element | Data |
|---------|------|
|---------|------|

|                                     |                |
|-------------------------------------|----------------|
| Event code                          | MAD            |
| Effective date and time             | 20131219145310 |
| Test/Panel Name                     | GHP            |
| Test/Panel identifier (code system) | 800 (99USL)    |

#### General information

| Element                          | Data   |
|----------------------------------|--|
| Specimen required ?              | Y  |
| Preferred Report Name            | General Health Profile   |
| Is the test/panel orderable ?    | Y  |
| Nature                           | S  |
| Interpretation                   | This blood test is used to determine general health status and to screen for and monitor a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4). |
| Patient preparation              | Patient fasting required for 12 hours.   |
| Factors that may affect the test | Insufficient specimen, Gross hemolysis, Improper labeling...   |
| Schedule                         | Daily  |
| Is the test exclusive ?          | N  |
| Diagnostic Service Sector        | LAB  |
| Expected turn around time        | 1 day  |

#### Panel/Test battery Details

| Element  | Data                     |
|--|--------------------------|
| Test included in panel/test battery                      | CMP                      |
| Test included in panel/test battery (code & code system) | 100 (99USL)              |
| Test included in panel/test battery                      | CBC_diff                 |
| Test included in panel/test battery (code & code system) | 200 (99USL)              |
| Test included in panel/test battery                      | TSH                      |
| Test included in panel/test battery (code & code system) | 700 (99USL)              |
| Test included in panel/test battery                      | Comprehensive Urinalysis |
| Test included in panel/test battery (code & code system) | 300 (99USL)              |

#### Specimen information details

| Element  | Data  |
|--|---|
| Sequence ID  | 4.1   |
| Container description                              | Gold Serum Separator tube   |
| Container description                              | Red, No Additive tube   |
| Container volume                                   | 5.0   |
| Container volume                                   | 5.0   |
| Container units                                    | milliliter  |
| Container units (code & code system)               | mL (UCUM)   |
| Container units                                    | milliliter  |
| Container units (code & code system)               | mL (UCUM)   |
| Specimen (code & code system)                      | 119364003 (SCT)   |
| Normal collection volume                           | 1   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Normal collection volume                           | 0.5   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Specimen Requirements                              | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. |

|   |                          |
|---|--------------------------|
| Specimen Handling Code                      | Refrigerated temperature |
| Specimen Handling Code (code & code system) | REF (HL70376)            |
| Specimen Preference                         | P                        |

Specimen information details

| Element  | Data   |
|--|--|
| Sequence ID  | 4.2  |
| Container description                              | Lavender Top (EDTA) tube   |
| Container description                              | Pink Top (K2EDTA) tube   |
| Container volume                                   | 3.0  |
| Container volume                                   | 3.0  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Specimen (code & code system)                      | 119297000 (SCT)  |
| Specimen (code & code system)                      | EDTK (HL70371)   |
| Normal collection volume                           | 3  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Normal collection volume                           | 0.5  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Specimen Requirements                              | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. |
| Specimen Handling Code                             | Critical refrigerated  |
| Specimen Handling Code (code & code system)        | CREF (HL70376)   |
| Specimen Preference                                | P  |

Specimen information details

| Element  | Data                                   |
|--|--|
| Sequence ID  | 4.3                                    |
| Container description                              | Sterile, plastic, leak proof container |
| Container volume                                   | 4                                      |
| Container units                                    | fluid ounce (US)                       |
| Container units (code & code system)               | [foz_us] (UCUM)                        |
| Specimen (code & code system)                      | 122575003 (SCT)                        |
| Normal collection volume                           | 20                                     |
| Normal collection volume unit                      | milliliter                             |
| Normal collection volume unit (code & code system) | mL (UCUM)                              |
| Normal collection volume                           | 4                                      |
| Normal collection volume unit                      | milliliter                             |
| Normal collection volume unit (code & code system) | mL (UCUM)                              |
| Specimen Requirements                              | Keep refrigerated                      |
| Specimen Handling Code                             | Refrigerated temperature               |
| Specimen Handling Code (code & code system)        | REF (HL70376)                          |
| Specimen Preference                                | P                                      |

Panel/Test battery Information - Hepatitis A B C Panel\_ With Reflex

Record information

| Element | Data |
|---------|------|
|---------|------|

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Event code                          | MAD                                |
| Effective date and time             | 20131219145310                     |
| Test/Panel Name                     | Hepatitis A B C Panel_ With Reflex |
| Test/Panel identifier (code system) | 1000 (99USL)                       |

#### General information

| Element                          | Data   |
|----------------------------------|--|
| Specimen required ?              | Y  |
| Preferred Report Name            | Hepatitis A B C Panel_ With Reflex   |
| Is the test/panel orderable ?    | Y  |
| Nature                           | P  |
| Reflex test                      | Hepatitis C RNA PCR  |
| Reflex test (code & code system) | 1010 (99USL)   |
| Reflex trigger rule              | Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. 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.   |
| Factors that may affect the test | Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triolein level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter -Cadaveric specimen |

#### Panel/Test battery Details

| Element  | Data   |
|--|--|
| Test included in panel/test battery                      | Hepatitis A IgM antibodies (IgM anti-HAV)      |
| Test included in panel/test battery (code & code system) | 1001 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis A antibodies (anti-HAV)              |
| Test included in panel/test battery (code & code system) | 1002 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis B core antibodies (anti-HBVC)        |
| Test included in panel/test battery (code & code system) | 1003 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis B core antibodies (anti-HBVC) Quant  |
| Test included in panel/test battery (code & code system) | 1004 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis B e antibodies (anti-HBVe)           |
| Test included in panel/test battery (code & code system) | 1005 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis B surface antigen (HBsAg)            |
| Test included in panel/test battery (code & code system) | 1006 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis B surface antibody (anti-HBVs)       |
| Test included in panel/test battery (code & code system) | 1007 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis C antibody screen (anti-HCV)         |
| Test included in panel/test battery (code & code system) | 1008 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis C antibodies Signal to Cut-off Ratio |
| Test included in panel/test battery (code & code system) | 1009 (99USL)                                   |
| Test included in panel/test battery                      | Hepatitis C RNA PCR                            |
| Test included in panel/test battery (code & code system) | 1010 (99USL)                                   |

#### Specimen information details

| Element                              | Data                      |
|--------------------------------------|---------------------------|
| Sequence ID                          | 5                         |
| Container description                | Gold Serum Separator tube |
| Container volume                     | 5.0                       |
| Container units                      | milliliter                |
| Container units (code & code system) | mL (UCUM)                 |
| Specimen (code & code system)        | 119364003 (SCT)           |
| Normal collection volume             | 4                         |

|  |  |
|--|--|
| Normal collection volume unit                      | milliliter   |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Normal collection volume                           | 2.5  |
| Normal collection volume unit                      | milliliter   |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Specimen Requirements                              | Spin down and remove serum from clot within 6 hours. |
| Specimen Handling Code                             | Frozen   |
| Specimen Handling Code (code & code system)        | FRZ (HL70376)  |
| Specimen Preference                                | P  |

Panel/Test battery Information - Arbovirus IgG and IgM Panel (DNG, WNV) in Serum

Record information

| Element                             | Data  |
|-------------------------------------|---|
| Event code                          | MAD   |
| Effective date and time             | 20131219145310                                  |
| Test/Panel Name                     | Arbovirus IgG and IgM Panel (DNG, WNV) in Serum |
| Test/Panel identifier (code system) | 1300 (99USL)                                    |

General information

| Element                          | Data  |
|----------------------------------|---|
| Specimen required ?              | N   |
| Preferred Report Name            | Arbovirus Panel for Dengue, West Nile Virus |
| Is the test/panel orderable ?    | Y   |
| Nature                           | P   |
| Factors that may affect the test | Insufficient specimen, Improper labeling    |
| Schedule                         | Monday through Friday                       |
| Is the test exclusive ?          | N   |
| Diagnostic Service Sector        | LAB   |
| Expected turn around time        | 2 day                                       |

Panel/Test battery Details

| Element  | Data                         |
|--|------------------------------|
| Test included in panel/test battery                      | Dengue Virus IgG Titer Serum |
| Test included in panel/test battery (code & code system) | 1301 (99USL)                 |
| Test included in panel/test battery                      | Dengue Virus IgM Titer Serum |
| Test included in panel/test battery (code & code system) | 1302 (99USL)                 |
| Test included in panel/test battery                      | WNV IgG Titer Serum          |
| Test included in panel/test battery (code & code system) | 1303 (99USL)                 |
| Test included in panel/test battery                      | WNV Virus IgM Titer Serum    |
| Test included in panel/test battery (code & code system) | 1304 (99USL)                 |

Specimen information details

| Element                              | Data                      |
|--------------------------------------|---------------------------|
| Sequence ID                          | 6                         |
| Container description                | Gold Serum Separator tube |
| Container description                | Red, No Additive tube     |
| Container volume                     | 5.0                       |
| Container volume                     | 5.0                       |
| Container units                      | milliliter                |
| Container units (code & code system) | mL (UCUM)                 |
| Container units                      | milliliter                |
| Container units (code & code system) | mL (UCUM)                 |
| Specimen (code & code system)        | 119364003 (SCT)           |



|  |   |
|--|---|
| Normal collection volume                           | 1   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Normal collection volume                           | 0.5   |
| Normal collection volume unit                      | milliliter  |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Specimen Requirements                              | Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. |
| Specimen Handling Code                             | Refrigerated temperature  |
| Specimen Handling Code (code & code system)        | REF (HL70376)   |
| Specimen Preference                                | P   |

#### Panel/Test battery Information - Creatinine Clearance

##### Record information

| Element                             | Data                 |
|-------------------------------------|----------------------|
| Event code                          | MAD                  |
| Effective date and time             | 20131219145310       |
| Test/Panel Name                     | Creatinine Clearance |
| Test/Panel identifier (code system) | 1200 (99USL)         |

##### General information

| Element                                   | Data                                     |
|---|--|
| Specimen required ?                       | Y  |
| Test/Panel other name                     | Creatinine 24H renal clearance panel     |
| Test/Panel other identifier (code system) | 34555-3 (LN)                             |
| Preferred Report Name                     | Creatinine Clearance                     |
| Is the test/panel orderable ?             | Y  |
| Nature                                    | P  |
| Factors that may affect the test          | Insufficient specimen, Improper labeling |
| Schedule                                  | Monday through Friday                    |
| Is the test exclusive ?                   | N  |
| Diagnostic Service Sector                 | LAB                                      |
| Expected turn around time                 | 1 day                                    |

##### Panel/Test battery Details

| Element  | Data                                  |
|--|---------------------------------------|
| Test included in panel/test battery                      | Urine Volume of 24 hour collection    |
| Test included in panel/test battery (code & code system) | 1904 (99USL)                          |
| Test included in panel/test battery                      | Creatinine Clearance in 24 hours      |
| Test included in panel/test battery (code & code system) | 1201 (99USL)                          |
| Test included in panel/test battery                      | Creatinine                            |
| Test included in panel/test battery (code & code system) | 102 (99USL)                           |
| Test included in panel/test battery                      | GFR, calculated                       |
| Test included in panel/test battery (code & code system) | 110 (99USL)                           |
| Test included in panel/test battery                      | Creatinine in 24 hr Urine             |
| Test included in panel/test battery (code & code system) | 1202 (99USL)                          |
| Test included in panel/test battery                      | What is the Clinically Relevant Race? |
| Test included in panel/test battery (code & code system) | 1906 (99USL)                          |

##### Specimen information details

| Element               | Data                                   |
|-----------------------|--|
| Sequence ID           | 7.1                                    |
| Container description | Sterile, plastic, leak proof container |

|  |                          |
|--|--------------------------|
| Container volume                                   | 2000                     |
| Container units                                    | milliliter               |
| Container units (code & code system)               | mL (UCUM)                |
| Specimen (code & code system)                      | 122575003 (SCT)          |
| Normal collection volume                           | 20                       |
| Normal collection volume unit                      | milliliter               |
| Normal collection volume unit (code & code system) | mL (UCUM)                |
| Normal collection volume                           | 4                        |
| Normal collection volume unit                      | milliliter               |
| Normal collection volume unit (code & code system) | mL (UCUM)                |
| Specimen Requirements                              | Keep refrigerated        |
| Specimen Handling Code                             | Refrigerated temperature |
| Specimen Handling Code (code & code system)        | REF (HL70376)            |
| Specimen Preference                                | P                        |

Specimen information details

| Element  | Data   |
|--|--|
| Sequence ID  | 7.2  |
| Container description                              | Lavender Top (EDTA) tube   |
| Container description                              | Pink Top (K2EDTA) tube   |
| Container volume                                   | 3.0  |
| Container volume                                   | 3.0  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Container units                                    | milliliters  |
| Container units (code & code system)               | mL (UCUM)  |
| Specimen (code & code system)                      | 119297000 (SCT)  |
| Specimen (code & code system)                      | EDTK (HL70371)   |
| Normal collection volume                           | 3  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Normal collection volume                           | 0.5  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Specimen Requirements                              | Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C. |
| Specimen Handling Code                             | Critical refrigerated  |
| Specimen Handling Code (code & code system)        | CREF (HL70376)   |
| Specimen Preference                                | P  |

MSH|~&#|NIST Test Lab APP|NIST Lab Facility|NIST EHR Facility|20130421|113601-0700||MFN^M10^MFN\_M10|EDOS\_1.0\_2.1-M10-NG|D|2.5.1|||||EDOS\_Common\_Component^EDOS Base Profile^2.16.840.1.113883.9.69^ISO~EDOS\_NG\_Component^EDOS NG Profile^2.16.840.1.113883.9.69^ISO

MFI|OMC^Observation batteries master file^HL70175^2.5.1||REP||NE

MFE|MAD||20131219145310|100^CMP^99USL^20130421|CWE

OM1|1|100^CMP^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||24323-8^Comprehensive metabolic 2000 panel - Serum or Plasma^LN^2.42|||CMP||Y|||P|||||Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function.||||Patient fasting required for 12 hours.||Insufficient specimen, Gross hemolysis, Improper labeling. |Daily|||||N|LAB|CMP||||1^d&day&UCUM&&&&1.8

OM5|1|104^Serum Glucose^99USL^2345-7^Glucose [Mass/volume] in Serum or Plasma^LN^20130421^2.42~106^Blood Urea Nitrogen (BUN)^99USL^3094-0^Urea nitrogen [Mass/volume] in Serum or Plasma^LN^20130421^2.42~102^Creatinine^99USL^2160-0^Creatinine [Mass/volume] in Serum or Plasma^LN^20130421^2.42~108^BUN/Creatinine Ratio^99USL^3097-3^Urea nitrogen/Creatinine [Mass Ratio] in Serum or Plasma^LN^20130421^2.42~110^GFR, calculated^99USL^33914-3^Glomerular filtration rate/1.73 sq M.predicted by Creatinine-based formula (MDRD)^LN^20130421^2.42~112^Calcium^99USL^17861-6^Calcium [Mass/volume] in Serum or Plasma^LN^20130421^2.42~114^Total protein, serum^99USL^2885-2^Protein [Mass/volume] in Serum or Plasma^LN^20130421^2.42~116^Albumin^99USL^1751-7^Albumin [Mass/volume] in Serum or Plasma^LN^20130421^2.42~118^Globulin^99USL^10834-0^Globulin [Mass/volume] in Serum by calculation^LN^20130421^2.42~120^Albumin/globulin ratio^99USL^1759-0^Albumin/Globulin [Mass Ratio] in Serum or Plasma^LN^20130421^2.42~122^Total bilirubin, serum^99USL^1975-2^Bilirubin.total [Mass/volume] in Serum or Plasma^LN^20130421^2.42~124^Alkaline phosphatase (ALP)^99USL^6768-6^Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~126^Alanine aminotransferase (ALT)^99USL^1742-6^Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~128^Aspartate aminotransferase (ASP)^99USL^1920-8^Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~130^Sodium, serum^99USL^2951-2^Sodium [Moles/volume] in Serum or Plasma^LN^20130421^2.42~132^Potassium, serum^99USL^2823-3^Potassium [Moles/volume] in Serum or Plasma^LN^20130421^2.42~134^Chloride, serum^99USL^2075-0^Chloride [Moles/volume] in Serum or Plasma^LN^20130421^2.42~136^Carbon dioxide, serum^99USL^2028-9^Carbon dioxide, total [Moles/volume] in Serum or Plasma^LN^20130421^2.42~138^Anion gap^99USL^20130421

OM4|1||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0|mL^milliliter^UCUM^1.8~mL^milliliter^UCUM^1.8|119364003^Serum specimen^SCT^201509-US Ed|||1^mL&milliliter&UCUM|0.5^mL&milliliter&UCUM&&&&1.8|Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection. ||REF^Refrigerated temperature^HL70376^2.5.1|P

MFE|MAD||20131219145310|300^Comprehensive Urinalysis^99USL^20130421|CWE

OM1|2|300^Comprehensive Urinalysis^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||50564-4^Urinalysis panel - Urine by Auto^LN^2.44||Comprehensive Urinalysis||Y|||P|||||Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic examination of the urine sediment. |||Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.~Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted. ||Insufficient specimen, Improper labeling., presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport. |Daily|||||N|LAB||||1^d&day

OM5|2|344^Color of Urine^99USL^5778-6^Color of Urine^LN^20130421^2.42~346^Clarity of Urine^99USL^32167-9^Clarity of Urine^LN^20130421^2.42~302^Erythrocytes, urine^99USL^46419-8^Erythrocytes [#area] in Urine sediment by Automated count^LN^20130421^2.42~304^Leukocytes, urine^99USL^46702-7^Leukocytes [#area] in Urine sediment by Automated count^LN^20130421^2.42~306^Leukocyte clumps, urine^99USL^50233-6^Leukocyte clumps [#area] in Urine sediment by Automated count^LN^20130421^2.42~308^Non-squamous epithelial cells. , urine^99USL^53294-5^Epithelial cells.non-squamous [#area] in Urine sediment by Automated count^LN^20130421^2.42~310^Squamous epithelial cells. , urine^99USL^33219-7^Epithelial cells.squamous [#area] in Urine sediment by Automated count^LN^20130421^2.42~314^Bacteria, urine^99USL^33218-9^Bacteria [#area] in Urine sediment by Automated count^LN^20130421^2.42~312^Crystals , urine^99USL^53322-4^Crystals [#area] in Urine sediment by Automated count^LN^20130421^2.42~316^Hyaline casts^99USL^33223-9^Hyaline casts [#area] in Urine sediment by Automated count^LN^20130421^2.42~318^Casts^99USL^43755-8^Casts [#area] in Urine sediment by Automated count^LN^20130421^2.42~320^Spermatozoa, urine^99USL^53324-0^Spermatozoa [#area] in Urine sediment by Automated count^LN^20130421^2.42~322^Mucus, urine^99USL^50235-1^Mucus [#area] in Urine sediment by Automated count^LN^20130421^2.42~324^Total bilirubin, urine^99USL^53327-3^Bilirubin.total [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~326^Glucose, urine^99USL^53328-1^Glucose [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~328^Hemoglobin, urine^99USL^50559-4^Hemoglobin [Mas

s/volume] in Urine by Automated test strip^LN^20130421^2.42~330^Ketones , urine^99USL^50557-8^Ketones [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~332^Leukocyte esterase, urine^99USL^60026-2^Leukocyte esterase [Presence] in Urine by Automated test strip^LN^20130421^2.42~334^Nitrite, urine^99USL^20130421~336^Urine pH^99USL^50560-2^pH of Urine by Automated test strip^LN^20130421^2.42~338^Protein, urine^99USL^50561-0^Protein [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~340^Urobilinogen^99USL^50563-6^Urobilinogen [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~342^Urine specific gravity^99USL^53326-5^Specific gravity of Urine by Automated test strip^LN^20130421^2.42

OM4|2||Sterile, plastic, leak proof container|4|[foz\_us]^fluid ounce (US)^UCUM^1.8|122575003^Urine specimen^SCT^UR^Random urine^99USL^201509-US Ed^2014^Random urine|||20^mL&milliliter&UCUM&&&1.8|4^mL&milliliter&UCUM&&&1.8|Keep refrigerated|||REF^Refrigerated temperature^HL70376^2.5.1|P

MFE|MAD|20131219145310|200^CBC\_diff^99USL^20130421|CWE

OM1|3|200^CBC\_diff^99USL^20130421|Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||57021-8^CBC W Auto Differential panel in Blood^LN^2.44|Complete Blood Count||Y||||P|||||A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram.|||||Insufficient specimen, Improper labeling, improper tube, clotted specimen, hemolyzed sample, dilution of blood.|Daily||||N|LAB|||Send prior results for CBC in past 60 days|||1^&day

OM5|3|202^Erythrocytes, blood^99USL^26453-1^Erythrocytes [#volume] in Blood^LN^20130421^2.42~256^Hemoglobin (Hb)^99USL^718-7^Hemoglobin [Mass/volume] in Blood^LN^20130421^2.42~204^Hematocrit^99USL^20570-8^Hematocrit [Volume Fraction] of Blood^LN^20130421^2.42~206^Leukocytes, blood^99USL^26464-8^Leukocytes [#volume] in Blood^LN^20130421^2.42~208^Platelets^99USL^26515-7^Platelets [#volume] in Blood^LN^20130421^2.42~210^Mean corpuscular volume (MCV)^99USL^30428-7^Erythrocyte mean corpuscular volume [Entitic volume]^LN^20130421^2.42~212^Mean corpuscular hemoglobin (MCH)^99USL^28539-5^Erythrocyte mean corpuscular hemoglobin [Entitic mass]^LN^20130421^2.42~214^Mean corpuscular hemoglobin Concentration (MCHC)^99USL^28540-3^Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]^LN^20130421^2.42~216^Red blood cell distribution width (RDW)^99USL^30385-9^Erythrocyte distribution width [Ratio]^LN^20130421^2.42~218^Basophils^99USL^26444-0^Basophils [#volume] in Blood^LN^20130421^2.42~220^% Basophils^99USL^30180-4^Basophils/100 leukocytes in Blood^LN^20130421^2.42~222^Monocytes^99USL^26484-6^Monocytes [#volume] in Blood^LN^20130421^2.42~224^% Monocytes^99USL^26485-3^Monocytes /100 leukocytes in Blood^LN^20130421^2.42~226^Eosinophils^99USL^26449-9^Eosinophils [#volume] in Blood^LN^20130421^2.42~228^% Eosinophils^99USL^26450-7^Eosinophils/100 leukocytes in Blood^LN^20130421^2.42~230^Lymphocytes^99USL^26474-7^Lymphocytes [#volume] in Blood^LN^20130421^2.42~232^% Lymphocytes^99USL^26478-8^Lymphocytes/100 leukocytes in Blood^LN^20130421^2.42~234^Neutrophils^99USL^26499-4^Neutrophils [#volume] in Blood^LN^20130421^2.42~236^% Neutrophils^99USL^20130421~238^Anisocytosis^99USL^38892-6^Anisocytosis [Presence] in Blood^LN^20130421^2.42~240^Hypochromia^99USL^30400-6^Hypochromia [Presence] in Blood^LN^20130421^2.42~242^Macrocytosis^99USL^30424-6^Macrocytes [Presence] in Blood^LN^20130421^2.42~244^Microcytosis^99USL^30434-5^Microcytes [Presence] in Blood^LN^20130421^2.42~246^Poikilocytosis^99USL^20130421~248^Polychromasia^99USL^10378-8^Polychromasia [Presence] in Blood by Light microscopy^LN^20130421^2.42~250^RBC morphology^99USL^6742-1^Erythrocyte morphology finding [Identifier] in Blood^LN^20130421^2.42~252^WBC morphology^99USL^11156-7^Leukocyte morphology finding [Identifier] in Blood^LN^20130421^2.42~254^Platelet morphology^99USL^11125-2^Platelet morphology finding [Identifier] in Blood^LN^20130421^2.42

OM4|3||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0|mL^milliliters^UCUM^1.8~mL^milliliters^UCUM^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^2.5.1||3^mL&milliliters&UCUM&&&1.8|0.5^mL&milliliters&UCUM&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.|||CREF^Critical refrigerated^HL70376^2.5.1|P

MFE|MAD|20131219145310|800^GHP^99USL^20130421|CWE

OM1|4|800^GHP^99USL^20130421|Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013|||General Health Profile||Y||||S|||||This blood test is used to determine general health status and to screen for and monitor a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4).||||Patient fasting required for 12 hours.||||Insufficient specimen, Gross hemolysis, Improper labeling...|Daily||||N|LAB|||1^d&day&UCUM&&&1.8

OM5|4|100^CMP^99USL^24323-8^Comprehensive metabolic 2000 panel - Serum or Plasma^LN^2.42~200^CBC\_diff^99USL^57021-8^CB W Auto Differential panel in Blood^LN^2.42~700^TSH^99USL^3016-3^Thyrotropin [Units/volume] in Serum or Plasma^LN^2.42~300^Comprehensive Urinalysis^99USL^50564-4^Urinalysis panel - Urine by Auto^LN^2.42

OM4|4.1||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0|mL^milliliter^UCUM^^^^1.8~mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^201509-US Ed||||1^mL&milliliter&UCUM|0.5^mL&milliliter&UCUM&&&&1.8|Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.||||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

OM4|4.2||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0|mL^milliliters^UCUM^^^^1.8~mL^milliliters^UCUM^^^^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^^^^2.5.1||3^mL&milliliters&UCUM&&&&1.8|0.5^mL&milliliters&UCUM&&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.||||CREF^Critical refrigerated^HL70376^^^^2.5.1|P

OM4|4.3||Sterile, plastic, leak proof container|4|[föz\_us]^fluid ounce (US)^UCUM^^^^1.8|122575003^Urine specimen^SCT^UR^Random urine^99USL^201509-US Ed^2014^Random urine||||20^mL&milliliter&UCUM&&&&1.8|4^mL&milliliter&UCUM&&&&1.8|Keep refrigerated||||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

MFE|MAD||20131219145310|1000^Hepatitis A B C Panel\_ With Reflex^99USL^^^^20130421|CWE

OM1|5|1000^Hepatitis A B C Panel\_ With Reflex^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL||||Hepatitis A B C Panel\_ With Reflex||Y||||P||||||||||||1010^Hepatitis C RNA PCR^99USL^11011-4^Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method^LN|Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. 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.||||Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triglyceride level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter -Cadaveric specimen

OM5|5|1001^Hepatitis A IgM antibodies (IgM anti-HAV)^99USL^22314-9^Hepatitis A virus IgM Ab [Presence] in Serum^LN~1002^Hepatitis A antibodies (anti-HAV)^99USL^20575-7^Hepatitis A virus Ab [Presence] in Serum^LN~1003^Hepatitis B core antibodies (anti-HBVC)^99USL^16933-4^Hepatitis B virus core Ab [Presence] in Serum^LN~1004^Hepatitis B core antibodies (anti-HBVC) Quant^99USL^22316-4^Hepatitis B virus core Ab [Units/volume] in Serum^LN~1005^Hepatitis B e antibodies (anti-HBVe)^99USL^22320-6^Hepatitis B virus e Ab [Presence] in Serum^LN~1006^Hepatitis B surface antigen (HBsAg)^99USL^5195-3^Hepatitis B virus surface Ag [Presence] in Serum^LN~1007^Hepatitis B surface antibody (anti-HBVs)^99USL^22322-2^Hepatitis B virus surface Ab [Presence] in Serum^LN~1008^Hepatitis C antibody screen (anti-HCV)^99USL^16128-1^Hepatitis C virus Ab [Presence] in Serum^LN~1009^Hepatitis C antibodies Signal to Cut-off Ratio^99USL^48159-8^Hepatitis C virus Ab Signal/Cutoff in Serum or Plasma by Immunoassay^LN~1010^Hepatitis C RNA PCR^99USL^11011-4^Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method^LN

OM4|5||Gold Serum Separator tube|5.0|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^201509-US Ed||||4^mL&milliliter&UCUM&&&&1.8|2.5^mL&milliliter&UCUM&&&&1.8|Spin down and remove serum from clot within 6 hours.||||FRZ^Frozen^HL70376|P

MFE|MAD||20131219145310|1300^Arbovirus IgG and IgM Panel (DNG, WNV) in Serum^99USL^^^^20130421|CWE

OM1|6|1300^Arbovirus IgG and IgM Panel (DNG, WNV) in Serum^99USL^^^^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2013||||Arbovirus Panel for Dengue, West Nile Virus||Y||||P||||||||||||Insufficient specimen, Improper labeling,|Monday through Friday||||||N|LAB||||||2^&day

OM5|6|1301^Dengue Virus IgG Titer Serum^99USL^6811-4^Dengue virus IgG Ab [Titer] in Serum^LN~1302^Dengue Virus IgM Titer Serum^99USL^6812-2^Dengue virus IgM Ab [Titer] in Serum^LN~1303^WNV IgG Titer Serum^99USL^33329-4^West Nile virus IgG Ab [Titer] in Serum^LN~1304^WNV Virus IgM Titer Serum^99USL^33331-0^West Nile virus IgM Ab [Titer] in Serum^LN

OM4|6||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0|mL^milliliter^UCUM^^^^1.8~mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^201509-US Ed||||1^mL&milliliter&UCUM|0.5^mL&milliliter&UCUM&&&&1.8|Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.||||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

MFE|MAD||20131219145310|1200^Creatinine Clearance^99USL^^^^20130421|CWE

OM1|7|1200^Creatinine Clearance^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2013||34555-3^Creatinine 24H renal clearance panel^LN||Creatinine Clearance||Y||||P||||||||||||Insufficient specimen, Improper labeling,|Monday through Friday||||||N|LAB||||||1^&day

OM5|7|1904^Urine Volume of 24 hour collection^99USL^3167-4^Volume of 24 hour Urine^LN~1201^Creatinine Clearance in 24 hours^99USL^2164-2^Creatinine renal clearance in 24 hour^LN~102^Creatinine^99USL^2160-0^Creatinine [Mass/volume] in Serum or Plasma^LN~110^GFR, calculated^99USL^33914-3^Glomerular filtration rate/1.73 sq M, predicted by Creatinine-based formula

la (MDRD)^LN~1202^Creatinine in 24 hr Urine^99USL^20624-3^Creatinine [Mass/volume] in 24 hour Urine^LN~1906^What is the Clinically Relevant Race?^99USL^32624-9^Race^LN

OM4|7.1||Sterile, plastic, leak proof container|2000|mL^milliliter^UCUM^^^^1.8|122575003^Urine specimen^SCT^24HrUR^24 h our urine^99USL^201509-US Ed^2014^24 hour urine||||20^mL&milliliter&UCUM&&&&1.8|4^mL&milliliter&UCUM&&&&1.8|Keep refrigerated|||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

OM4|7.2||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0|mL^milliliters^UCUM^^^^1.8~mL^milliliters^UCUM^^^^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^^^^2.5.1||  
|3^mL&milliliters&UCUM&&&&1.8|0.5^mL&milliliters&UCUM&&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.|||CREF^Critical refrigerated^HL70376^^^^2.5.1|P