

#### Description

The Laboratory Test Compendium from 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 being used by Dr. Nicholas Radon's practice EHR-S to place orders electronically to Century Hospital's Clinical Laboratory. Century Hospital Laboratory had decided to no longer offer the sedimentation rate test and Century Hospital's LIS transmits the appropriate eDOS update messages to Dr. Radon's EHR-S to deprecate this orderable test.

#### Comments

Update message to deactivate a no longer offered test (individual observation).

#### PreCondition

EDOS\_1.0\_1.1-M08\_New  
and  
EDOS\_1.0\_2.1-M10\_New  
and  
EDOS\_1.0\_3.1-M04\_New  
and  
EDOS\_1.0\_4.1-M18\_New\_Approved  
and  
EDOS\_1.0\_5.1-M18\_New\_Limited  
have been uploaded.

#### PostCondition

eDOS M08 data elements are incorporated appropriately into the EHR-S.

#### TestObjectives

- Demonstrate capability to support a M08 update message - action: deactivate.
- Demonstrate capability to support repeating segments for OM4.
- Demonstrate capability to support the repeating field in OM1-51 (Other Names), OM1-54 (Special Instructions), and OM4-15 (Specimen Handling Code).

## Test Case Information

## EDOS\_2.0\_1.1-M08\_GU - M08\_Update\_deactivate

Test Case ID

EDOS\_2.0\_1.1-M08\_GU

## MSH

| Location         | Data Element                      | Data                        | Categorization       |
|------------------|-----------------------------------|-----------------------------|----------------------|
| <b>MSH.1</b>     | <b>Field Separator</b>            |                             | IG Fixed Data        |
| <b>MSH.2</b>     | <b>Encoding Characters</b>        | ~\&#                        | IG Fixed Data        |
| <b>MSH.3</b>     | <b>Sending Application</b>        |                             |                      |
| MSH.3.1          | Namespace ID                      | NIST Test Lab APP           | Configurable Data    |
| MSH.3.2          | Universal ID                      | 2.16.840.1.113883.3.72.5.20 | Configurable Data    |
| MSH.3.3          | Universal ID Type                 | ISO                         | IG Fixed Data        |
| <b>MSH.4</b>     | <b>Sending Facility</b>           |                             |                      |
| MSH.4.1          | Namespace ID                      | NIST Lab Facility           | Configurable Data    |
| MSH.4.2          | Universal ID                      | 2.16.840.1.113883.3.72.5.21 | Configurable Data    |
| MSH.4.3          | Universal ID Type                 | ISO                         | IG Fixed Data        |
| <b>MSH.6</b>     | <b>Receiving Facility</b>         |                             |                      |
| MSH.6.1          | Namespace ID                      | NIST EHR Facility           | Configurable Data    |
| MSH.6.2          | Universal ID                      | 2.16.840.1.113883.3.72.5.23 | Configurable Data    |
| MSH.6.3          | Universal ID Type                 | ISO                         | IG Fixed Data        |
| <b>MSH.7</b>     | <b>Date/Time Of Message</b>       |                             |                      |
| MSH.7.1          | Time                              | 20130421113601-0700         | System Generated     |
| <b>MSH.9</b>     | <b>Message Type</b>               |                             |                      |
| MSH.9.1          | Message Code                      | MFN                         | IG Fixed Data        |
| MSH.9.2          | Trigger Event                     | M08                         | IG Fixed Data        |
| MSH.9.3          | Message Structure                 | MFN_M08                     | IG Fixed Data        |
| <b>MSH.10</b>    | <b>Message Control ID</b>         | EDOS_2.0_1.1-M08_GU         | System Generated     |
| <b>MSH.11</b>    | <b>Processing ID</b>              |                             |                      |
| MSH.11.1         | Processing ID                     | D                           | Changeable Data      |
| <b>MSH.12</b>    | <b>VersionID</b>                  |                             |                      |
| MSH.12.1         | Version ID                        | 2.5.1                       | IG Fixed Data        |
| <b>MSH.21</b>    | <b>Message Profile Identifier</b> |                             |                      |
| 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        |
| <b>MSH.21[2]</b> | <b>Message Profile Identifier</b> |                             |                      |
| MSH.21[2].1      | Entity Identifier                 | EDOS_GU_Component           | Test Case Fixed Data |
| MSH.21[2].2      | Namespace ID                      | EDOS GU Profile             | Changeable Data      |
| MSH.21[2].3      | Universal ID                      | 2.16.840.1.113883.9.68      | Test Case Fixed Data |
| MSH.21[2].4      | Universal ID Type                 | ISO                         | IG Fixed Data        |

## MFI

| Location     | Data Element                  | Data                               | Categorization       |
|--------------|-------------------------------|------------------------------------|----------------------|
| <b>MFI.1</b> | <b>Master File Identifier</b> |                                    |                      |
| MFI.1.1      | Identifier                    | OMM                                | IG Fixed Data        |
| MFI.1.2      | Text                          | Mixed type observation 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 |
| <b>MFI.3</b> | <b>File-Level Event Code</b>  | UPD                                | Test Case Fixed Data |
| <b>MFI.6</b> | <b>Response Level Code</b>    | NE                                 | IG Fixed Data        |

## MFE

| Location     | Data Element                   | Data | Categorization       |
|--------------|--------------------------------|------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MDC  | Test Case Fixed Data |

| <b>MFE.3</b> | <b>Location</b> | <b>Effective Date/Time</b> | <b>Data Element</b>            | <b>Data</b>                    | <b>Categorization</b> |
|--------------|-----------------|----------------------------|--------------------------------|--------------------------------|-----------------------|
| MFE.3.1      |                 | Time                       |                                | 20131219145310                 | System Generated      |
| <b>MFE.4</b> |                 |                            | <b>Primary Key Value - MFE</b> |                                |                       |
| MFE.4.1      |                 | Identifier                 |                                | 500                            | Changeable Data       |
| MFE.4.2      |                 | Text                       |                                | Erythrocyte sedimentation rate | 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

| <b>Location</b>  | <b>Data Element</b>   | <b>Data</b>   | <b>Categorization</b> |
|------------------|---|---|-----------------------|
| <b>OM1.1</b>     | <b>Sequence Number - Test/Observation Master File</b>         | 1   | IG Fixed Data         |
| <b>OM1.2</b>     | <b>Producer's Service/Test/Observation ID</b>                 |   |                       |
| OM1.2.1          | Identifier  | 500   | Changeable Data       |
| OM1.2.2          | Text  | Erythrocyte sedimentation rate  | 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  | 30341-2   | Test Case Fixed Data  |
| OM1.7.2          | Text  | Erythrocyte sedimentation rate  | 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       |
| <b>OM1.9</b>     | <b>Preferred Report Name for the Observation</b>              | Erythrocyte Sedimentation Rate  | Changeable Data       |
| <b>OM1.12</b>    | <b>Orderability</b>   | Y   | Test Case Fixed Data  |
| <b>OM1.18</b>    | <b>Nature of Service/Test/Observation</b>                     | A   | Test Case Fixed Data  |
| <b>OM1.32</b>    | <b>Interpretation of Observations</b>                         | The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.          | Changeable Data       |
| <b>OM1.39</b>    | <b>Factors that may Affect the Observation</b>                | Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours after collection. | Changeable Data       |
| <b>OM1.40</b>    | <b>Service/Test/Observation Performance Schedule</b>          | Daily   | Changeable Data       |
| <b>OM1.48</b>    | <b>Exclusive Test</b>   | N   | Changeable Data       |
| <b>OM1.49</b>    | <b>Diagnostic Service Sector ID</b>                           | LAB   | Changeable Data       |
| <b>OM1.51</b>    | <b>Other Names</b>  | Westergren  | Changeable Data       |
| <b>OM1.51[2]</b> | <b>Other Names</b>  | Sed Rate  | Changeable Data       |
| <b>OM1.52</b>    | <b>Replacement Producer's Service/Test/Observation ID</b>     |   |                       |
| OM1.52.1         | Identifier  | 815120  | Changeable Data       |
| OM1.52.2         | Text  | Erythrocyte sedimentation rate, Automated   | Changeable Data       |
| OM1.52.3         | Name of Coding System   | 99USL   | Changeable Data       |
| OM1.52.7         | Coding System Version ID                                      | 20130421  | Changeable Data       |
| <b>OM1.54</b>    | <b>Special Instructions</b>                                   | Please include tentative diagnosis/treatment on the request form.                             | Changeable Data       |
| <b>OM1.54[2]</b> | <b>Special Instructions</b>                                   | Please direct any questions regarding this test to the hematology division.                   | Changeable Data       |
| <b>OM1.55</b>    | <b>Test Relationship Category</b>                             |   |                       |
| OM1.55.1         | Identifier  | CP  | Changeable Data       |

| OM1.55.2<br>Location | Data Element   | Clinical Pathology Data        | Changeable Data<br>Categorization |
|----------------------|--|--------------------------------|-----------------------------------|
| OM1.55.3             | Name of Coding System  | 99USL                          | Changeable Data                   |
| OM1.55.7             | Coding System Version ID   | 2015                           | Changeable Data                   |
| <b>OM1.55[2]</b>     | <b>Test Relationship Category</b>  |                                |                                   |
| OM1.55[2].1          | Identifier   | HM                             | Changeable Data                   |
| OM1.55[2].2          | Text   | Haematology                    | Changeable Data                   |
| OM1.55[2].3          | Name of Coding System  | 99USL                          | Changeable Data                   |
| OM1.55[2].7          | Coding System Version ID   | 2015                           | Changeable Data                   |
| <b>OM1.56</b>        | <b>Observation Identifier associated with Producer's Service/Test/Observation ID</b> |                                |                                   |
| OM1.56.1             | Identifier   | 30341-2                        | Changeable Data                   |
| OM1.56.2             | Text   | Erythrocyte sedimentation rate | Changeable Data                   |
| OM1.56.3             | Name of Coding System  | LN                             | Test Case Fixed Data              |
| OM1.56.4             | Alternate Identifier   | 500                            | Changeable Data                   |
| OM1.56.5             | Alternate Text   | Erythrocyte sedimentation rate | Changeable Data                   |
| OM1.56.6             | Name of Alternate Coding System  | 99USL                          | Changeable Data                   |
| OM1.56.7             | Coding System Version ID   | 2.48                           | Changeable Data                   |
| OM1.56.8             | Alternate Coding System Version ID   | 20130421                       | Changeable Data                   |
| OM1.56.9             | Original Text  | Erythrocyte sedimentation rate | Changeable Data                   |
| <b>OM1.57</b>        | <b>Expected Turn-Around Time</b>   |                                |                                   |
| 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                   |

## OM2

| Location        | Data Element  | Data                | Categorization  |
|-----------------|---|---------------------|-----------------|
| <b>OM2.1</b>    | <b>Sequence Number - Test/Observation Master File</b>                   | 1                   | IG Fixed Data   |
| <b>OM2.2</b>    | <b>Units of Measure</b>   |                     |                 |
| OM2.2.1         | Identifier  | mm/h                | Changeable Data |
| OM2.2.2         | Text  | millimeter per hour | Changeable Data |
| OM2.2.3         | Name of Coding System   | UCUM                | Changeable Data |
| OM2.2.4         | Alternate Identifier  | mm/hour             | Changeable Data |
| OM2.2.5         | Alternate Text  | mm/hour             | Changeable Data |
| OM2.2.6         | Name of Alternate Coding System   | 99USL               | Changeable Data |
| OM2.2.7         | Coding System Version ID  | 1.8                 | Changeable Data |
| OM2.2.8         | Alternate Coding System Version ID                                      | 2014                | Changeable Data |
| OM2.2.9         | Original Text   | mm/hour             | Changeable Data |
| <b>OM2.6</b>    | <b>Reference (Normal) Range for Ordinal and Continuous Observations</b> |                     |                 |
| OM2.6.1         | Numeric Range   |                     |                 |
| OM2.6.1.1       | Low Value   | 0                   | Changeable Data |
| OM2.6.1.2       | High Value  | 15                  | Changeable Data |
| OM2.6.2         | Administrative Sex  |                     |                 |
| OM2.6.2.1       | Identifier  | M                   | Changeable Data |
| OM2.6.2.2       | Text  | Male                | Changeable Data |
| OM2.6.2.3       | Name of Coding System   | HL70001             | IG Fixed Data   |
| OM2.6.2.7       | Coding System Version ID  | 2.5.1               | IG Fixed Data   |
| <b>OM2.6[2]</b> | <b>Reference (Normal) Range for Ordinal and Continuous Observations</b> |                     |                 |
| OM2.6[2].1      | Numeric Range   |                     |                 |
| OM2.6[2].1.1    | Low Value   | 0                   | Changeable Data |
| OM2.6[2].1.2    | High Value  | 25                  | Changeable Data |
| OM2.6[2].2      | Administrative Sex  |                     |                 |

|              |                       |         |                 |
|--------------|-----------------------|---------|-----------------|
| OM2.6[2].2.1 | Identifier            | F       | Changeable Data |
| OM2.6[2].2.2 | Text                  | Female  | Changeable Data |
| OM2.6[2].2.3 | Name of Coding System | HL70001 | IG Fixed Data   |

#### OM4

| Location         | Data Element  | Data  | Categorization       |
|------------------|---|---|----------------------|
| <b>OM4.1</b>     | <b>Sequence Number - Test/Observation Master File</b> | 1.1   | IG Fixed Data        |
| <b>OM4.3</b>     | <b>Container Description</b>                          | Black Top Tube (Vac-Tec)  | Changeable Data      |
| <b>OM4.4</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>OM4.6</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  | WEST  | Changeable Data      |
| OM4.7.2          | Text  | Buffered Citrate (Westergren Sedimentation Rate)                    | 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  | 2.4   | 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  | 2.4   | 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>                          | Specimen must be received and tested within 4-6 hrs of collection.. | 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>OM4.15[2]</b> | <b>Specimen Handling Code</b>                         |   |                      |
| OM4.15[2].1      | Identifier  | MTLF  | Changeable Data      |
| OM4.15[2].2      | Text  | Metal Free  | Changeable Data      |
| OM4.15[2].3      | Name of Coding System                                 | HL70376   | IG Fixed Data        |
| OM4.15[2].7      | Coding System Version ID                              | 2.5.1   | Changeable Data      |
|                  |   |   |                      |

| OM4.16 | Location | Specimen Preference | Data Element | P | Data | Test Case Fixed Data | Categorization |
|--------|----------|---------------------|--------------|---|------|----------------------|----------------|
|--------|----------|---------------------|--------------|---|------|----------------------|----------------|

#### OM4

| Location         | Data Element  | Data   | Categorization       |
|------------------|---|--|----------------------|
| <b>OM4.1</b>     | <b>Sequence Number - Test/Observation Master File</b> | 1.2  | IG Fixed Data        |
| <b>OM4.3</b>     | <b>Container Description</b>                          | Lavender Top (EDTA) tube   | Changeable Data      |
| <b>OM4.4</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>OM4.6</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  | 2.4  | 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  | 2.4  | 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>                          | Specimen must be received and tested within 4-6 hrs of collection. | 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>OM4.15[2]</b> | <b>Specimen Handling Code</b>                         |  |                      |
| OM4.15[2].1      | Identifier  | MTLF   | Changeable Data      |
| OM4.15[2].2      | Text  | Metal Free   | Changeable Data      |
| OM4.15[2].3      | Name of Coding System                                 | HL70376  | IG Fixed Data        |
| OM4.15[2].7      | Coding System Version ID                              | 2.5.1  | Changeable Data      |
| <b>OM4.16</b>    | <b>Specimen Preference</b>                            | A  | Test Case Fixed Data |
| <b>OM4.17</b>    | <b>Preferred Specimen/Attribute Sequence</b>          | 1.1  | Test Case Fixed Data |



| Element    | Data |
|------------|------|
| Identifier | OMM  |
| Event code | UPD  |

#### Test Details - Erythrocyte sedimentation rate

##### Record information

| Element                             | Data                           |
|-------------------------------------|--------------------------------|
| Event code                          | MDC                            |
| Effective date and time             | 20131219145310                 |
| Test/Panel Name                     | Erythrocyte sedimentation rate |
| Test/Panel identifier (code system) | 500 (99USL)                    |

##### General information

| Element   | Data  |
|---|---|
| Specimen required ?                             | Y   |
| Test/Panel other name                           | Erythrocyte sedimentation rate  |
| Test/Panel other identifier (code system)       | 30341-2 (LN)  |
| Preferred Report Name                           | Erythrocyte Sedimentation Rate  |
| Is the test/panel orderable ?                   | Y   |
| Nature  | A   |
| Interpretation                                  | The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.          |
| Factors that may affect the test                | Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours after collection. |
| Schedule  | Daily   |
| Is the test exclusive ?                         | N   |
| Diagnostic Service Sector                       | LAB   |
| Test alias                                      | Westergren  |
| Test alias                                      | Sed Rate  |
| Replacement test                                | Erythrocyte sedimentation rate, Automated   |
| Replacement test (code & code system)           | 815120 (99USL)  |
| Special Instructions                            | Please include tentative diagnosis/treatment on the request form.                             |
| Special Instructions                            | Please direct any questions regarding this test to the hematology division.                   |
| Test Relationship Category                      | Clinical Pathology  |
| Test Relationship Category (code & code system) | CP (99USL)  |
| Test Relationship Category                      | Haematology   |
| Test Relationship Category (code & code system) | HM (99USL)  |
| Expected turn around time                       | 1 day   |

##### Numeric test details

| Element   | Data                |
|---|---------------------|
| Unit of measure   | millimeter per hour |
| Unit of measure (code & code system)                    | mm/h (UCUM)         |
| Reference range Administrative Sex                      | Male                |
| Reference range Administrative Sex (code & code system) | M (HL70001)         |
| Reference range Administrative Sex                      | Female              |
| Reference range Administrative Sex (code & code system) | F (HL70001)         |

##### Specimen information details

| Element               | Data                     |
|-----------------------|--------------------------|
| Sequence ID           | 1.1                      |
| Container description | Black Top Tube (Vac-Tec) |
| Container volume      | 3.0                      |
| Container units       | milliliters              |



|  |   |
|--|---|
| Container units (code & code system)               | mL (UCUM)   |
| Specimen (code & code system)                      | 119297000 (SCT)   |
| Specimen (code & code system)                      | WEST (HL70371)  |
| Normal collection volume                           | 2.4   |
| Normal collection volume unit                      | milliliters   |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Normal collection volume                           | 2.4   |
| Normal collection volume unit                      | milliliters   |
| Normal collection volume unit (code & code system) | mL (UCUM)   |
| Specimen Requirements                              | Specimen must be received and tested within 4-6 hrs of collection.. |
| Specimen Handling Code                             | Critical refrigerated   |
| Specimen Handling Code (code & code system)        | CREF (HL70376)  |
| Specimen Handling Code                             | Metal Free  |
| Specimen Handling Code (code & code system)        | MTLF (HL70376)  |
| Specimen Preference                                | P   |

Specimen information details

| Element  | Data   |
|--|--|
| Sequence ID  | 1.2  |
| Container description                              | Lavender Top (EDTA) tube   |
| Container volume                                   | 3.0  |
| 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                           | 2.4  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Normal collection volume                           | 2.4  |
| Normal collection volume unit                      | milliliters  |
| Normal collection volume unit (code & code system) | mL (UCUM)  |
| Specimen Requirements                              | Specimen must be received and tested within 4-6 hrs of collection. |
| Specimen Handling Code                             | Critical refrigerated  |
| Specimen Handling Code (code & code system)        | CREF (HL70376)   |
| Specimen Handling Code                             | Metal Free   |
| Specimen Handling Code (code & code system)        | MTLF (HL70376)   |
| Specimen Preference                                | A  |
| Preferred Specimen Sequence ID                     | 1.1  |

MSH|^~&#|NIST Test Lab APP^2.16.840.1.113883.3.72.5.20^ISO|NIST Lab Facility^2.16.840.1.113883.3.72.5.21^ISO||NIST EHR Facility^2.16.840.1.113883.3.72.5.23^ISO|20130421113601-0700||MFN^M08^MFN\_M08|EDOS\_2.0\_1.1-M08\_GU|D|2.5.1|||||EDOS\_Common\_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS\_GU\_Component^EDOS GU Profile^2.16.840.1.113883.9.68^ISO  
SO

MFI|OMM^Mixed type observation master file^HL70175^^^^2.5.1||UPD||NE

MFE|MDC||20131219145310|500^Erythrocyte sedimentation rate^99USL^^^^20130421|CWE

OM1|1|500^Erythrocyte sedimentation rate^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2013||30341-2^Erythrocyte sedimentation rate^LN^^^^2.42||Erythrocyte Sedimentation Rate||Y||||A|||||||The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.|||||Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours after collection.|Daily|||||N|LAB|Westergren~Sed Rate|815120^Erythrocyte sedimentation rate, Automated^99USL^^^^20130421||Please include tentative diagnosis/treatment on the request form~Please direct any questions regarding this test to the hematology division.|CP^Clinical Pathology^99USL^^^^2015~HM^Haematology^99USL^^^^2015|30341-2^Erythrocyte sedimentation rate^LN^500^Erythrocyte sedimentation rate^99USL^2.48^20130421^Erythrocyte sedimentation rate|1^d&day&UCUM&&&&1.8

OM2|1|mm/h^millimeter per hour^UCUM^mm/hour^mm/hour^99USL^1.8^2014^mm/hour||||0&15^M&Male&HL70001&&&&2.5.1~0&25^F&Female&HL70001

OM4|1.1||Black Top Tube (Vac-Tec)|3.0|mL^milliliters^UCUM^^^^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|WEST^Buffered Citrate (Westergren Sedimentation Rate)^HL70371^^^^2.5.1||2.4^mL&milliliters&UCUM&&&&1.8|2.4^mL&milliliters&UCUM&&&&1.8|Specimen must be received and tested within 4-6 hrs of collection.||||CREF^Critical refrigerated^HL70376^^^^2.5.1~MTLF^Metal Free^HL70376^^^^2.5.1|P

OM4|1.2||Lavender Top (EDTA) tube|3.0|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||2.4^mL&milliliters&UCUM&&&&1.8|2.4^mL&milliliters&UCUM&&&&1.8|Specimen must be received and tested within 4-6 hrs of collection.||||CREF^Critical refrigerated^HL70376^^^^2.5.1~MTLF^Metal Free^HL70376^^^^2.5.1|A|1.1