

## Test Case Information

## EDOS\_2.1\_2.1-M10\_GU - M10\_Update\_add

Test Case ID

EDOS\_2.1\_2.1-M10\_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                     | M10                         | IG Fixed Data        |
| MSH.9.3          | Message Structure                 | MFN_M10                     | IG Fixed Data        |
| <b>MSH.10</b>    | <b>Message Control ID</b>         | EDOS_2.1_2.1-M10_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                    | 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 |
| <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> | MAD  | Test Case Fixed Data |

| Location     | Data Element                   | Data                              | Categorization   |
|--------------|--------------------------------|-----------------------------------|------------------|
| MFE.3.1      | Time                           | 20131219145310                    | System Generated |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                                   |                  |
| MFE.4.1      | Identifier                     | 1100                              | Changeable Data  |
| MFE.4.2      | Text                           | Stool culture with Susceptibility | 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> | 1   | IG Fixed Data        |
| <b>OM1.2</b>  | <b>Producer's Service/Test/Observation ID</b>         |   |                      |
| OM1.2.1       | Identifier  | 1100                                      | Changeable Data      |
| OM1.2.2       | Text  | Stool culture with Susceptibility         | 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>OM1.9</b>  | <b>Preferred Report Name for the Observation</b>      | Stool Culture with Susceptibility Reflex  | 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>             | P   | Test Case Fixed Data |
| <b>OM1.39</b> | <b>Factors that may Affect the Observation</b>        | Insufficient specimen, Improper labeling. | Changeable Data      |
| <b>OM1.40</b> | <b>Service/Test/Observation Performance Schedule</b>  | Monday through Friday                     | 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>OM1.57</b> | <b>Expected Turn-Around Time</b>                      |   |                      |
| OM1.57.1      | Quantity  | 3   | Changeable Data      |
| OM1.57.2      | Units   |   |                      |
| OM1.57.2.2    | Text  | day                                       | Changeable Data      |

#### OM5

| Location        | Data Element   | Data                                    | Categorization       |
|-----------------|--|---|----------------------|
| <b>OM5.1</b>    | <b>Sequence Number - Test/Observation Master File</b>            | 1                                       | IG Fixed Data        |
| <b>OM5.2</b>    | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2.1         | Identifier   | 1101                                    | Changeable Data      |
| OM5.2.2         | Text   | Stool culture                           | Changeable Data      |
| OM5.2.3         | Name of Coding System  | 99USL                                   | Changeable Data      |
| OM5.2.4         | Alternate Identifier   | 625-4                                   | Test Case Fixed Data |
| OM5.2.5         | Alternate Text   | Bacteria identified in Stool by Culture | Changeable Data      |
| OM5.2.6         | Name of Alternate Coding System                                  | LN                                      | Changeable Data      |
| <b>OM5.2[2]</b> | <b>Test/Observations Included Within an Ordered Test Battery</b> |   |                      |
| OM5.2[2].1      | Identifier   | 1102                                    | Changeable Data      |
| OM5.2[2].2      | Text   | Colony Count                            | Changeable Data      |
| OM5.2[2].3      | Name of Coding System  | 99USL                                   | Changeable Data      |
| OM5.2[2].4      | Alternate Identifier   | 564-5                                   | Test Case Fixed Data |
| OM5.2[2].5      | Alternate Text   | COLONY COUNT                            | Changeable Data      |

| Location   | Data Element  | Data  | Categorization       |
|------------|---|---|----------------------|
| OM5.2[3]   | Test/Observations Included Within an Ordered Test Battery |   |                      |
| OM5.2[3].1 | Identifier  | 1500  | Changeable Data      |
| OM5.2[3].2 | Text  | Bacteria susceptibility   | Changeable Data      |
| OM5.2[3].3 | Name of Coding System                                     | 99USL   | Changeable Data      |
| OM5.2[3].4 | Alternate Identifier                                      | 50545-3   | Test Case Fixed Data |
| OM5.2[3].5 | Alternate Text  | Bacterial susceptibility panel in Isolate by Minimum inhibitory concentration (MIC) | Changeable Data      |
| OM5.2[3].6 | Name of Alternate Coding System                           | LN  | Changeable Data      |

#### OM4

| Location   | Data Element                                   | Data   | Categorization       |
|------------|--|--|----------------------|
| OM4.1      | Sequence Number - Test/Observation Master File | 1.1  | IG Fixed Data        |
| OM4.3      | Container Description                          | Enteric Pathogen Transport System - Cary Blair | Changeable Data      |
| OM4.4      | Container Volume                               | 15.0   | 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                                     | 119339001                                      | Test Case Fixed Data |
| OM4.6.2    | Text   | Stool 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      |
| OM4.7      | Additive                                       |  |                      |
| OM4.7.1    | Identifier                                     | CARY   | Changeable Data      |
| OM4.7.2    | Text   | Cary Blair Medium                              | Changeable Data      |
| OM4.7.3    | Name of Coding System                          | HL70371  | Changeable Data      |
| OM4.10     | Normal Collection Volume                       |  |                      |
| OM4.10.1   | Quantity                                       | 10   | 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                                       | 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      |
| OM4.15     | Specimen Handling Code                         |  |                      |
| OM4.15.1   | Identifier                                     | REF  | Changeable Data      |
| OM4.15.2   | Text   | Refrigerated                                   | Changeable Data      |
| OM4.15.3   | Name of Coding System                          | HL70376  | IG Fixed Data        |
| OM4.16     | Specimen Preference                            | P  | Test Case Fixed Data |

#### OM4

| Location | Data Element                                   | Data   | Categorization  |
|----------|--|--|-----------------|
| OM4.1    | Sequence Number - Test/Observation Master File | 1.2  | IG Fixed Data   |
| OM4.3    | Container Description                          | Enteric Pathogen Transport System - Para Pak C and S | Changeable Data |
|          |  |  |                 |

| Location   | Data Element                          | Data   | Categorization       |
|------------|---------------------------------------|--|----------------------|
| OM4.3      | Container Description                 | Enteric Pathogen Transport System - buffered glycerol saline | Changeable Data      |
| OM4.4      | Container Volume                      | 15.0   | Changeable Data      |
| OM4.4[2]   | Container Volume                      | 15.0   | 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      |
| OM4.5[2]   | Container Units                       |  |                      |
| 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      |
| OM4.6      | Specimen                              |  |                      |
| OM4.6.1    | Identifier                            | 119339001  | Test Case Fixed Data |
| OM4.6.2    | Text                                  | Stool 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                              | 10   | 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                              | 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      |
| OM4.15     | Specimen Handling Code                |  |                      |
| OM4.15.1   | Identifier                            | REF  | Changeable Data      |
| OM4.15.2   | Text                                  | Refrigerated   | Changeable Data      |
| OM4.15.3   | Name of Coding System                 | HL70376  | IG Fixed Data        |
| OM4.16     | Specimen Preference                   | A  | Test Case Fixed Data |
| OM4.17     | Preferred Specimen/Attribute Sequence | 1.1  | 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               | 1500                    | Changeable Data      |
| MFE.4.2  | Text                     | Bacteria susceptibility | 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  |
|          | Producer's Service/Test/Observation            |      |                |

| Location   | Data Element   | Data  | Categorization       |
|------------|--|---|----------------------|
| OM1.2.1    | Identifier   | 1500  | Changeable Data      |
| OM1.2.2    | Text   | Bacteria susceptibility   | 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   | 50545-3   | Test Case Fixed Data |
| OM1.7.2    | Text   | Bacterial susceptibility panel in Isolate by Minimum inhibitory concentration (MIC) | Changeable Data      |
| OM1.7.3    | Name of Coding System                                  | LN  | Test Case Fixed Data |
| OM1.9      | Preferred Report Name for the Observation              | Bacteria susceptibility   | 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   | 3   | 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  | 1501   | Changeable Data      |
| OM5.2.2    | Text  | Ciprofloxacin  | Changeable Data      |
| OM5.2.3    | Name of Coding System                                     | 99USL  | Changeable Data      |
| OM5.2.4    | Alternate Identifier                                      | 185-9  | Test Case Fixed Data |
| OM5.2.5    | Alternate Text  | Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC) | 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  | 1502   | Changeable Data      |
| OM5.2[2].2 | Text  | Gentamicin   | Changeable Data      |
| OM5.2[2].3 | Name of Coding System                                     | 99USL  | Changeable Data      |
| OM5.2[2].4 | Alternate Identifier                                      | 267-5  | Test Case Fixed Data |
| OM5.2[2].5 | Alternate Text  | Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)    | 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  | 1503   | Changeable Data      |
| OM5.2[3].2 | Text  | Ampicillin   | Changeable Data      |
| OM5.2[3].3 | Name of Coding System                                     | 99USL  | Changeable Data      |

| OM5.2[3].4<br>Location | Alternate Identifier<br>Data Element                             | 28-1<br>Data   | Changeable Data<br>Categorization |
|------------------------|--|--|-----------------------------------|
| OM5.2[3].5             | Alternate Text   | Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)                    | 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   | 1504   | Changeable Data                   |
| OM5.2[4].2             | Text   | Amoxicillin+Clavulanate  | Changeable Data                   |
| OM5.2[4].3             | Name of Coding System  | 99USL  | Changeable Data                   |
| OM5.2[4].4             | Alternate Identifier   | 20-8   | Test Case Fixed Data              |
| OM5.2[4].5             | Alternate Text   | Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)       | 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   | 1505   | Changeable Data                   |
| OM5.2[5].2             | Text   | Trimethoprim-sulfamethoxazole  | Changeable Data                   |
| OM5.2[5].3             | Name of Coding System  | 99USL  | Changeable Data                   |
| OM5.2[5].4             | Alternate Identifier   | 516-5  | Test Case Fixed Data              |
| OM5.2[5].5             | Alternate Text   | Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC) | Changeable Data                   |
| OM5.2[5].6             | Name of Alternate Coding System                                  | LN   | Changeable Data                   |