

NIST HL7 V2 Validation Tool Test Data Electronic Directory Of Service (eDOS)

Version 1.0

27th May, 2015

eDOS Test Case EDOS_2.2_1.1-M08_NG

M08_Update_revise

Message Content Data Sheet

Test Case Information

| EDOS_2.2_1.1-M08-NG - M08_Update_revise | |
|---|---------------------|
| Test Case ID | EDOS_2.2_1.1-M08_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 | M08 | IG Fixed Data |
| MSH.9.3 | Message Structure | MFN_M08 | IG Fixed Data |
| MSH.10 | Message Control ID | EDOS_2.2_1.1-M08-NG | System Generated |
| MSH.11 | Processing ID | | |
| MSH.11.1 | Processing ID | T | Changeable Data |
| MSH.12 | VersionID | | |
| MSH.12.1 | Version ID | 2.5.1 | IG Fixed Data |
| MSH.15 | Accept Acknowledgment Type | AL | Changeable Data |
| MSH.16 | Application Acknowledgment Type | NE | Changeable Data |
| MSH.21[1] | Message Profile Identifier | | |
| MSH.21[1].1 | Entity Identifier | EDOS_Common_Component | Test Case Fixed Data |
| MSH.21[1].2 | Namespace ID | EDOS Base Profile | Changeable Data |
| MSH.21[1].3 | Universal ID | 2.16.840.1.113883.9.67 | Test Case Fixed Data |
| MSH.21[1].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 | OMA | IG Fixed Data |
| MFI.1.2 | Text | Numerical 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 |
| MFI.3 | File-Level Event Code | UPD | 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 | MUP | 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 | 1506 | Changeable Data |
| MFE.4.2 | Text | Penicillin | Changeable Data |
| MFE.4.3 | Name of Coding System | 99USI | 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 | 1 | IG Fixed Data |
| OM1.2 | Producer's Service/Test/Observation ID | | |

NIST HL7 V2 eDOS Validation Tool Test Data

| | | | |
|------------------|--|---|----------------------|
| OM1.2.1 | Identifier | 1506 | Changeable Data |
| OM1.2.2 | Text | Penicillin | Changeable Data |
| OM1.2.3 | Name of Coding System | 99USI | 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 | 99USI | 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 | 6932-8 | Test Case Fixed Data |
| OM1.7.2 | Text | Penicillin [Susceptibility] 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 | Penicillin MIC | Changeable Data |
| OM1.12 | Orderability | Y | Test Case Fixed Data |
| OM1.18 | Nature of Service/Test/Observation | A | IG Fixed Data |
| OM1.39 | Factors that may Affect the Observation | Insufficient specimen, Improper labeling | Changeable Data |
| OM1.40[1] | 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 |
| OM1.56[1] | Observation Identifier associated with Producer's Service/Test/Observation ID | | |
| OM1.56[1].1 | Identifier | 6932-8 | Changeable Data |
| OM1.56[1].2 | Text | Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC) | Changeable Data |
| OM1.56[1].3 | Name of Coding System | LN | Test Case Fixed Data |
| OM1.56[1].4 | Alternate Identifier | 1506 | Changeable Data |
| OM1.56[1].5 | Alternate Text | Penicillin | Changeable Data |
| OM1.56[1].6 | Name of Alternate Coding System | 99USI | Changeable Data |
| OM1.57[1] | Expected Turn-Around Time | | |
| OM1.57[1].1 | Quantity | 3 | Changeable Data |

| | | | |
|---------------|-------|-----|-----------------|
| OM1.57[1].2 | Units | | |
| OM1.57[1].2.2 | Text | day | Changeable Data |

OM4 :

| Location | Data Element | Data | Categorization |
|------------------|---|--|----------------------|
| OM4.1 | Sequence Number - Test/Observation Master File | 1 | IG Fixed Data |
| OM4.6 | Specimen | | |
| OM4.6.1 | Identifier | 429951000124103 | Test Case Fixed Data |
| OM4.6.2 | Text | Bacterial isolate specimen | Changeable Data |
| OM4.6.3 | Name of Coding System | SCT | Test Case Fixed Data |
| OM4.6.7 | Coding System Version ID | 20130331 | Changeable Data |
| OM4.12 | Specimen Requirements | Organism must be in pure culture and actively growing. Place into large infectious container and label as " Infectious substance". | Changeable Data |
| OM4.15[1] | Specimen Handling Code | | |
| OM4.15[1].1 | Identifier | CAMB | Changeable Data |
| OM4.15[1].2 | Text | Critical ambient temperature | Changeable Data |
| OM4.15[1].3 | Name of Coding System | HL70376 | IG Fixed Data |

Test Data Specification

Master File Identification

| Element name | Data |
|-----------------------|---|
| File-Level Event Code | Change file records as defined in the record-level event codes for each record that follows |

Test information [1]

Master File Entry

| Element name | Data |
|-------------------------|-------------------------------|
| Record-Level Event Code | Update record for master file |
| Effective Date/Time | 2013-12-19 2:53:10pm |
| Primary Key Value - MFE | Penicillin |

General Segment

| Element name | Data |
|--|---|
| Specimen Required | No |
| Producer ID | Century Hospital Clinical Laboratory |
| Other Service/Test/Observation IDs for the Observation | Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC) |
| Preferred Report Name for the Observation | Penicillin MIC |
| Orderability | Yes |
| Nature of Service/Test/Observation | A |
| Factors that may Affect the Observation | Insufficient specimen, Improper labeling |
| Service/Test/Observation Performance Schedule | Monday through Friday |
| Exclusive Test | This test can be included with any number of other tests |
| Diagnostic Service Sector ID | Laboratory |
| Observation Identifier | Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC) |
| Expected Turn-Around Time | 3 day |

Observations that Require Specimens

| Element name | Data |
|--|----------------------------|
| Sequence Number - Test/Observation Master File | 1 |
| Specimen | Bacterial isolate specimen |

| | |
|------------------------|--|
| Specimen Requirements | Organism must be in pure culture and actively growing. Place into large infectious container and label as " Infectious substance". |
| Specimen Handling Code | Critical ambient temperature |