

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

**Version 1.0**

**27th May, 2015**

# **eDOS Test Case EDOS\_2.3\_1.1-M08\_GU**

**M08\_Update\_reactivate**

## Message Content Data Sheet

### Test Case Information

EDOS_2.3_1.1-M08_GU - M08_Update_reactivate	
Test Case ID	EDOS_2.3_1.1-M08_GU

### 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.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
MSH.4	Sending Facility		
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
MSH.6	Receiving Facility		
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
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_2.3_1.1-M08_GU	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

<b>MSH.16</b>	<b>Application Acknowledgment Type</b>	NE	Changeable Data
<b>MSH.21[1]</b>	<b>Message Profile Identifier</b>		
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
<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	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
<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>	MAC	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	500	Changeable Data
MFE.4.2	Text	Erythrocyte sedimentation rate	Changeable Data
MFE.4.3	Name of Coding System	99USI	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
OM1.1	Sequence Number - Test/Observation Master File	1	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	500	Changeable Data
OM1.2.2	Text	Erythrocyte sedimentation rate	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	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	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	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
OM1.9	Preferred Report Name for the Observation	Erythrocyte sedimentation rate	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	IG Fixed Data
OM1.32[1]	Interpretation of Observations	The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.	Changeable Data
OM1.39	Factors that may Affect the Observation	Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours of collection.	Changeable Data
OM1.40[1]	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[1]	Other Names	Westergren	Changeable Data
OM1.51[2]	Other Names	Sed Rate	Changeable Data
OM1.54[1]	Special Instructions	None	Changeable Data
OM1.54[2]	Special Instructions	None	Changeable Data

<b>OM1.55[1]</b>	<b>Test Relationship Category</b>		
OM1.55[1].1	Identifier	CP	Changeable Data
OM1.55[1].2	Text	Clinical Pathology	Changeable Data
OM1.55[1].3	Name of Coding System	99USI	Changeable Data
OM1.55[1].7	Coding System Version ID	41863	Changeable Data
<b>OM1.56[1]</b>	<b>Observation Identifier associated with Producer's Service/Test/Observation ID</b>		
OM1.56[1].1	Identifier	30341-2	Changeable Data
OM1.56[1].2	Text	Erythrocyte sedimentation rate	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	500	Changeable Data
OM1.56[1].5	Alternate Text	Erythrocyte sedimentation rate	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.56[1].7	Coding System Version ID	2.48	Changeable Data
OM1.56[1].8	Alternate Coding System Version ID	20130421	Changeable Data
OM1.56[1].9	Original Text	Erythrocyte sedimentation rate	Changeable Data
<b>OM1.57[1]</b>	<b>Expected Turn-Around Time</b>		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.1	Identifier	d	Changeable Data
OM1.57[1].2.2	Text	day	Changeable Data
OM1.57[1].2.3	Name of Coding System	UCUM	Changeable Data
OM1.57[1].2.7	Coding System Version ID	1.8	Changeable 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[1]</b>	<b>Container Description</b>	Black Top Tube (Vac-Tec)	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	3.0	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliters	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].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

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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	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	CREF	Changeable Data
OM4.15[1].2	Text	Critical refrigerated	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].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>	P	Test Case Fixed Data

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[1]</b>	<b>Container Description</b>	Lavender Top (EDTA) tube	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	3.0	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliters	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].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	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	CREF	Changeable Data
OM4.15[1].2	Text	Critical refrigerated	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].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

## 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	Reactivate deactivated record
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Erythrocyte sedimentation rate

### General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Erythrocyte sedimentation rate
Preferred Report Name for the Observation	Erythrocyte sedimentation rate
Orderability	Yes
Nature of Service/Test/Observation	A
Interpretation of Observations	The erythrocyte sedimentation rate is a nonspecific measure of inflammatory disease.
Factors that may Affect the Observation	Insufficient blood, Clotting, Hemolysis, Blood specimen received > 12 hours of collection.
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Other Names	Westergren
Other Names	Sed Rate
Special Instructions	None
Special Instructions	None
Test Relationship Category Identifier	Clinical Pathology
Observation Identifier	Erythrocyte sedimentation rate
Expected Turn-Around Time	1 day

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	1.1
Container Description	Black Top Tube (Vac-Tec)
Container Volume	3.0
Container Units	milliliters
Specimen	Blood sample
Additive	Buffered Citrate (Westergren Sedimentation Rate)
Normal Collection Volume	2.4 milliliters
Minimum Collection Volume	2.4 milliliters
Specimen Requirements	Specimen must be received and tested within 4-6 hrs of Collection
Specimen Handling Code	Critical refrigerated
Specimen Handling Code	Metal Free
Specimen Preference	Preferred

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	1.2
Container Description	Lavender Top (EDTA) tube
Container Volume	3.0
Container Units	milliliters
Specimen	Blood sample
Additive	Potassium/K EDTA
Normal Collection Volume	2.4 milliliters
Minimum Collection Volume	2.4 milliliters
Specimen Requirements	Specimen must be received and tested within 4-6 hrs of Collection
Specimen Handling Code	Critical refrigerated
Specimen Handling Code	Metal Free
Specimen Preference	Alternate
Preferred Specimen/Attribute Sequence ID	1.1