

## Test Case Information

## EDOS\_2.5\_1.1-M08\_GU - M08\_Update\_revise\_postCombo

Test Case ID

EDOS\_2.5\_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_2.5_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>	MUP	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		402	Changeable Data
MFE.4.2		Text		Cholesterol (total), serum	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	402	Changeable Data
OM1.2.2	Text	Cholesterol (total), serum	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	2103	Changeable Data
<b>OM1.7</b>	<b>Other Service/Test/Observation IDs for the Observation</b>		
OM1.7.1	Identifier	2093-3	Test Case Fixed Data
OM1.7.2	Text	Cholesterol [Mass/volume] in Serum or Plasma	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
<b>OM1.9</b>	<b>Preferred Report Name for the Observation</b>	Total Cholesterol - Serum	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>	Investigation of serum lipids is indicated in those with coronary and other arterial disease, especially in patients younger than 40 years of age, and in those with family history of atherosclerosis or of hyperlipidemia. Also important in patients with xanthomas, hypothyroidism, nephrosis, renal failure, obesity, diabetes mellitus, alcoholism, primary biliary cirrhosis, and other types of cholestasis.	Changeable Data
<b>OM1.37</b>	<b>Patient Preparation</b>	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.	Changeable Data
<b>OM1.39</b>	<b>Factors that may Affect the Observation</b>	Insufficient specimen, Improper labeling., gross hemolysis, warm sample	Changeable Data
<b>OM1.40</b>	<b>Service/Test/Observation Performance Schedule</b>	daily	Changeable Data
<b>OM1.40[2]</b>	<b>Service/Test/Observation Performance Schedule</b>	continuously	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>OM1.56</b>	<b>Observation Identifier associated with Producer's Service/Test/Observation ID</b>		
OM1.56.1	Identifier	2093-3	Changeable Data
		Cholesterol [Mass/volume] in Serum or	

Location	Data Element	Data	Categorization
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	402	Changeable Data
OM1.56.5	Alternate Text	Cholesterol (total), serum	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
<b>OM1.57</b>	<b>Expected Turn-Around Time</b>		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1902	Changeable Data
OMC.4.2	Text	Fasting Status	Changeable Data
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	49541-6	Test Case Fixed Data
OMC.4.5	Alternate Text	Fasting Status	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data
<b>OMC.5</b>	<b>Collection Event/Process Step</b>		
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
<b>OMC.6</b>	<b>Communication Location</b>		
OMC.6.1	Identifier	OBR-13	Test Case Fixed Data
OMC.6.2	Text	Relevant Clinical Information	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
OMC.6.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>OMC.7</b>	<b>Answer Required</b>	Y	Changeable Data
<b>OMC.8</b>	<b>Hint/Help Text</b>	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"	
<b>OMC.9</b>	<b>Type of Answer</b>	CWE	Test Case Fixed Data
<b>OMC.11</b>	<b>Answer Choices</b>		
OMC.11.1	Identifier	F	Test Case Fixed Data
OMC.11.2	Text	Patient was fasting prior to the procedure	Test Case Fixed Data
OMC.11.3	Name of Coding System	HL70916	Test Case Fixed Data
<b>OMC.11[2]</b>	<b>Answer Choices</b>		
OMC.11[2].1	Identifier	NF	Test Case Fixed Data
OMC.11[2].2	Text	The patient indicated they did not fast prior to the procedure	Test Case Fixed Data
OMC.11[2].3	Name of Coding System	HL70916	Test Case Fixed Data
<b>OMC.11[3]</b>	<b>Answer Choices</b>		
OMC.11[3].1	Identifier	U	Test Case Fixed Data
OMC.11[3].2	Text	Unknown	Test Case Fixed Data
OMC.11[3].3	Name of Coding System	HL70353	Test Case Fixed Data

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1907	Changeable Data
OMC.4.2	Text	If DOB not available, what is patient age?	Changeable Data
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	30525-0	Test Case Fixed Data
OMC.4.5	Alternate Text	Age	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data

Location	Data Element	Data	Categorization
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
OMC.5.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>OMC.6</b>	<b>Communication Location</b>		
OMC.6.1	Identifier	OBR-OBX	Test Case Fixed Data
OMC.6.2	Text	OBX segment following an OBR segment	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
<b>OMC.7</b>	<b>Answer Required</b>	Y	Changeable Data
<b>OMC.8</b>	<b>Hint/Help Text</b>	Please select the most appropriate age units and include them in the answer (for a newborn related tests hours may be more appropriate, compared to month for some pediatric tests or years for most tests)	Changeable Data
<b>OMC.9</b>	<b>Type of Answer</b>	NM	Test Case Fixed Data
<b>OMC.12</b>	<b>Character Limit</b>	6	Changeable Data
<b>OMC.13</b>	<b>Number of Decimals</b>	2	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	mg/dL	Changeable Data
OM2.2.2	Text	milligram per deciliter	Changeable Data
OM2.2.3	Name of Coding System	UCUM	Changeable Data
OM2.2.7	Coding System Version ID	1.8	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	170	Changeable Data
OM2.6.1.2	High Value	199	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</b>	<b>Container Description</b>	Serum Gel Tube (SGT)	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	8.5	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	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	20130731	Changeable Data
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.1	Identifier	SST	Changeable Data
OM4.7.2	Text	Serum Separator Tube (Polymer Gel)	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	0.5	Changeable Data
OM4.10.2	Units		

Location	Identifier Data Element	mL Data	Changeable Data Categorization
OM4.10.2.1	Text	milliliter	Changeable Data
OM4.10.2.2	Name of Coding System	UCUM	Changeable Data
OM4.10.2.3	Coding System Version ID	1.8	Changeable Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
OM4.11	Minimum Collection Volume		
OM4.11.1	Quantity	0.25	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	Changeable Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
OM4.12	Specimen Requirements	Keep at room temperature	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable 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	Red, No Additive tube	Changeable Data
OM4.4	Container Volume	10	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	20130731	Changeable Data
OM4.10	Normal Collection Volume		
OM4.10.1	Quantity	0.5	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	Changeable Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
OM4.11	Minimum Collection Volume		
OM4.11.1	Quantity	0.25	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	Changeable Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
OM4.12	Specimen Requirements	Keep at room temperature	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
OM4.16	Specimen Preference	A	Test Case Fixed Data
	Preferred Specimen/Attribute		

Location	Sequence	Data Element	1.1	Data	Test Case Fixed Data
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#### 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	408	Changeable Data
MFE.4.2	Text	Triglycerides, 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	2	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	408	Changeable Data
OM1.2.2	Text	Triglycerides, 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	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	2103	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	2571-8	Test Case Fixed Data
OM1.7.2	Text	Triglyceride [Mass/volume] in Serum or Plasma	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Triglyceride - Serum	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.32	Interpretation of Observations	Investigation of serum lipids is indicated in those with coronary and other arterial disease, especially in patients younger than 40 years of age, and in those with family history of atherosclerosis or of hyperlipidemia. Also important in patients with xanthomas, hypothyroidism, nephrosis, renal failure, obesity, diabetes mellitus, alcoholism, primary biliary cirrhosis, and other types of cholestasis.	Changeable Data
OM1.37	Patient Preparation	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.	Changeable Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	daily	Changeable Data
OM1.40[2]	Service/Test/Observation Performance Schedule	continuously	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data



Location	Data Element	Data	Categorization
<b>OM1.56</b>	<b>Observation Identifier associated with Producer's Service/Test/Observation ID</b>		
OM1.56.1	Identifier	2571-8	Changeable Data
OM1.56.2	Text	Triglyceride [Mass/volume] in Serum or Plasma	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	408	Changeable Data
OM1.56.5	Alternate Text	Triglycerides, serum	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
<b>OM1.57</b>	<b>Expected Turn-Around Time</b>		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1902	Changeable Data
OMC.4.2	Text	Fasting Status	Changeable Data
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	49541-6	Test Case Fixed Data
OMC.4.5	Alternate Text	Fasting Status	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data
<b>OMC.5</b>	<b>Collection Event/Process Step</b>		
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
<b>OMC.6</b>	<b>Communication Location</b>		
OMC.6.1	Identifier	OBR-13	Test Case Fixed Data
OMC.6.2	Text	Relevant Clinical Information	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
OMC.6.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>OMC.7</b>	<b>Answer Required</b>	Y	Changeable Data
<b>OMC.8</b>	<b>Hint/Help Text</b>	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"	
<b>OMC.9</b>	<b>Type of Answer</b>	CWE	Test Case Fixed Data
<b>OMC.11</b>	<b>Answer Choices</b>		
OMC.11.1	Identifier	F	Test Case Fixed Data
OMC.11.2	Text	Patient was fasting prior to the procedure	Test Case Fixed Data
OMC.11.3	Name of Coding System	HL70916	Test Case Fixed Data
<b>OMC.11[2]</b>	<b>Answer Choices</b>		
OMC.11[2].1	Identifier	NF	Test Case Fixed Data
OMC.11[2].2	Text	The patient indicated they did not fast prior to the procedure	Test Case Fixed Data
OMC.11[2].3	Name of Coding System	HL70916	Test Case Fixed Data
<b>OMC.11[3]</b>	<b>Answer Choices</b>		
OMC.11[3].1	Identifier	U	Test Case Fixed Data
OMC.11[3].2	Text	Unknown	Test Case Fixed Data
OMC.11[3].3	Name of Coding System	HL70353	Test Case Fixed Data

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1907	Changeable Data
OMC.4.2	Text	If DOB not available, what is patient age?	Changeable Data

Location	Data Element	Data	Categorization
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	30525-0	Test Case Fixed Data
OMC.4.5	Alternate Text	Age	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data
<b>OMC.5</b>	<b>Collection Event/Process Step</b>		
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
OMC.5.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>OMC.6</b>	<b>Communication Location</b>		
OMC.6.1	Identifier	OBR-OBX	Test Case Fixed Data
OMC.6.2	Text	OBX segment following an OBR segment	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
<b>OMC.7</b>	<b>Answer Required</b>	Y	Changeable Data
<b>OMC.8</b>	<b>Hint/Help Text</b>	Please select the most appropriate age units and include them in the answer (for a newborn related tests hours may be more appropriate, compared to month for some pediatric tests or years for most tests)	Changeable Data
<b>OMC.9</b>	<b>Type of Answer</b>	NM	Test Case Fixed Data
<b>OMC.12</b>	<b>Character Limit</b>	6	Changeable Data
<b>OMC.13</b>	<b>Number of Decimals</b>	2	Changeable Data

#### OM2

Location	Data Element	Data	Categorization
<b>OM2.1</b>	<b>Sequence Number - Test/Observation Master File</b>	2	IG Fixed Data
<b>OM2.2</b>	<b>Units of Measure</b>		
OM2.2.1	Identifier	mg/dL	Changeable Data
OM2.2.2	Text	milligram per deciliter	Changeable Data
OM2.2.3	Name of Coding System	UCUM	Changeable Data
OM2.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM2.6</b>	<b>Reference (Normal) Range for Ordinal and Continuous Observations</b>		
OM2.6.1	Numeric Range		
OM2.6.1.2	High Value	199	Changeable 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	90	Changeable Data
OM2.6[2].1.2	High Value	129	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	2.1	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Serum Gel Tube (SGT)	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	8.5	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	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



Location	Data Element	Data	Categorization
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.1	Identifier	SST	Changeable Data
OM4.7.2	Text	Serum Separator Tube (Polymer Gel)	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	0.5	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	Changeable 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	0.25	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	Changeable Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>	Keep at room temperature	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable 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>	2.2	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Red, No Additive tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	10	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	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	20130731	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	0.5	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	Changeable 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	0.25	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	Changeable Data

Location	Data Element	Data	Categorization
OM4.12	Specimen Requirements	Keep at room temperature	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable 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	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	404	Changeable Data
MFE.4.2	Text	High density lipoprotein cholesterol, serum (HDL)	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	3	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	404	Changeable Data
OM1.2.2	Text	High density lipoprotein cholesterol, serum (HDL)	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	2103	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	2085-9	Test Case Fixed Data
OM1.7.2	Text	Cholesterol in HDL [Mass/volume] in Serum or Plasma	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	HDL Cholesterol - Serum	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.32	Interpretation of Observations	Investigation of serum lipids is indicated in those with coronary and other arterial disease, especially in patients younger than 40 years of age, and in those with family history of atherosclerosis or of hyperlipidemia. Also important in patients with xanthomas, hypothyroidism, nephrosis, renal failure, obesity, diabetes mellitus, alcoholism, primary biliary cirrhosis, and other types of cholestasis.	Changeable Data
OM1.37	Patient Preparation	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume	Changeable Data

Location	Data Element	Data	Categorization
		any alcohol for 24 hours before the specimen is drawn.	
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling., gross hemolysis, warm sample	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	daily	Changeable Data
OM1.40[2]	Service/Test/Observation Performance Schedule	continuously	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	2085-9	Changeable Data
OM1.56.2	Text	Cholesterol in HDL [Mass/volume] in Serum or Plasma	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	404	Changeable Data
OM1.56.5	Alternate Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	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

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1902	Changeable Data
OMC.4.2	Text	Fasting Status	Changeable Data
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	49541-6	Test Case Fixed Data
OMC.4.5	Alternate Text	Fasting Status	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data
OMC.5	Collection Event/Process Step		
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
OMC.6	Communication Location		
OMC.6.1	Identifier	OBR-13	Test Case Fixed Data
OMC.6.2	Text	Relevant Clinical Information	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
OMC.6.7	Coding System Version ID	2.8.2	Test Case Fixed Data
OMC.7	Answer Required	Y	Changeable Data
OMC.8	Hint/Help Text	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"	
OMC.9	Type of Answer	CWE	Test Case Fixed Data
OMC.11	Answer Choices		
OMC.11.1	Identifier	F	Test Case Fixed Data
OMC.11.2	Text	Patient was fasting prior to the procedure	Test Case Fixed Data
OMC.11.3	Name of Coding System	HL70916	Test Case Fixed Data
OMC.11[2]	Answer Choices		
OMC.11[2].1	Identifier	NF	Test Case Fixed Data
OMC.11[2].2	Text	The patient indicated they did not fast prior to the procedure	Test Case Fixed Data
OMC.11[2].3	Name of Coding System	HL70916	Test Case Fixed Data

Location	Data Element	Data	Categorization
OMC.11[3].1	Identifier	U	Test Case Fixed Data
OMC.11[3].2	Text	Unknown	Test Case Fixed Data
OMC.11[3].3	Name of Coding System	HL70353	Test Case Fixed Data

#### OMC

Location	Data Element	Data	Categorization
OMC.4.1	Identifier	1907	Changeable Data
OMC.4.2	Text	If DOB not available, what is patient age?	Changeable Data
OMC.4.3	Name of Coding System	99USL	Changeable Data
OMC.4.4	Alternate Identifier	30525-0	Test Case Fixed Data
OMC.4.5	Alternate Text	Age	Changeable Data
OMC.4.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OMC.4.7	Coding System Version ID	20130421	Changeable Data
OMC.4.8	Alternate Coding System Version ID	2.52	Changeable Data
<b>OMC.5</b>	<b>Collection Event/Process Step</b>		
OMC.5.1	Identifier	DRW	Changeable Data
OMC.5.2	Text	Collecting the specimen	Changeable Data
OMC.5.3	Name of Coding System	HL70938	Test Case Fixed Data
OMC.5.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>OMC.6</b>	<b>Communication Location</b>		
OMC.6.1	Identifier	OBR-OBX	Test Case Fixed Data
OMC.6.2	Text	OBX segment following an OBR segment	Test Case Fixed Data
OMC.6.3	Name of Coding System	HL70939	Test Case Fixed Data
<b>OMC.7</b>	<b>Answer Required</b>	Y	Changeable Data
<b>OMC.8</b>	<b>Hint/Help Text</b>	Please select the most appropriate age units and include them in the answer (for a newborn related tests hours may be more appropriate, compared to month for some pediatric tests or years for most tests)	Changeable Data
<b>OMC.9</b>	<b>Type of Answer</b>	NM	Test Case Fixed Data
<b>OMC.12</b>	<b>Character Limit</b>	6	Changeable Data
<b>OMC.13</b>	<b>Number of Decimals</b>	2	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	3.1	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Serum Gel Tube (SGT)	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	8.5	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	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	20130731	Changeable Data
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.1	Identifier	SST	Changeable Data
OM4.7.2	Text	Serum Separator Tube (Polymer Gel)	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	0.5	Changeable Data
OM4.10.2	Units		

Location	Identifier Data Element	mL Data	Changeable Data Categorization
OM4.10.2.1	Text	milliliter	Changeable Data
OM4.10.2.2	Name of Coding System	UCUM	Changeable Data
OM4.10.2.3	Coding System Version ID	1.8	Changeable Data
OM4.10.2.7			
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
OM4.11.1	Quantity	0.25	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	Changeable Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>	Keep at room temperature	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable 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>	3.2	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Red, No Additive tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	10	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	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	20130731	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	0.5	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	Changeable 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	0.25	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	Changeable Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>	Keep at room temperature	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	AMB	Changeable Data
OM4.15.2	Text	Ambient temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	Changeable 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