

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's has revised the Lipid panel and made its components orderable. Century Hospital's LIS transmits the appropriate eDOS update message to revise this information in Dr. Radon's EHR. .

Comments

Update message to change an individual observation that was part of a previous update of the compendium. This update makes a nonorderable individual observation orderable.

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
and
EDOS_2.4_1.1-M08_Update_Combo
and
EDOS_2.4_2.1-M10_Update_Combo
and
EDOS_2.4_3.1-M04_Update_Combo
and
EDOS_2.4_4.1-M18_Update_Combo
have been completed.

PostCondition

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

TestObjectives

- Demonstrate the ability to support a M08 update message - action: subsequent update to information previously sent via an update message.
- Demonstrate capability to support the repeating field in OM1-31 (Observations Required to Interpret the Observation) and OM1-40 (Service/Test/Observation Performance Schedule).
- Demonstrate capability to support repeating segments for OM4.

Test Case Information

EDOS_2.5_1.1-M08-NG - M08_Update_revise_postCombo

Test Case ID

EDOS_2.5_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_2.5_1.1-M08-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	D	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.21	Message Profile Identifier		
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
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	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
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	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
Location	Data Element	Data	Categorization
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		
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
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	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
OM1.9	Preferred Report Name for the Observation	Total 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 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
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	2093-3	Changeable Data
OM1.56.2	Text	Cholesterol [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	402	Changeable Data
OM1.56.5	Alternate Text	Cholesterol (total), serum	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		

Location	Data Element	Data	Categorization
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
OMC.11[3]	Answer Choices		
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
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.5.7	Coding System Version ID	2.8.2	Test Case Fixed Data
OMC.6	Communication Location		

Location	Identifier	Data Element	OBR-OBX	Data	Test Case Fixed Data	Categorization
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
OMC.7		Answer Required		Y		Changeable Data
OMC.8		Hint/Help Text		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
OMC.9		Type of Answer		NM		Test Case Fixed Data
OMC.12		Character Limit		6		Changeable Data
OMC.13		Number of Decimals		2		Changeable Data

OM2

Location	Identifier	Data Element	OBR-OBX	Data	Test Case Fixed Data	Categorization
OM2.1		Sequence Number - Test/Observation Master File		1		IG Fixed Data
OM2.2		Units of Measure				
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
OM2.6		Reference (Normal) Range for Ordinal and Continuous Observations				
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	Identifier	Data Element	OBR-OBX	Data	Test Case Fixed Data	Categorization
OM4.1		Sequence Number - Test/Observation Master File		1.1		IG Fixed Data
OM4.3		Container Description		Serum Gel Tube (SGT)		Changeable Data
OM4.4		Container Volume		8.5		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
OM4.7		Additive				
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
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

Location	Data Element	Data	Categorization
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
OM4.17	Preferred Specimen/Attribute Sequence	1.1	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 Location	Time Data Element	20131219145310 Data	System Generated Categorization
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
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	2571-8	Changeable Data
OM1.56.2	Text	Triglyceride [Mass/volume] in Serum or Plasma	Changeable Data

Location	Data Element	Data	Categorization
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
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
OMC.11[3]	Answer Choices		
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
OMC.5	Collection Event/Process Step		

Location	Data Element	Data	Categorization
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
OMC.6	Communication Location		
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
OMC.7	Answer Required	Y	Changeable Data
OMC.8	Hint/Help Text	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
OMC.9	Type of Answer	NM	Test Case Fixed Data
OMC.12	Character Limit	6	Changeable Data
OMC.13	Number of Decimals	2	Changeable Data

OM2

Location	Data Element	Data	Categorization
OM2.1	Sequence Number - Test/Observation Master File	2	IG Fixed Data
OM2.2	Units of Measure		
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
OM2.6	Reference (Normal) Range for Ordinal and Continuous Observations		
OM2.6.1	Numeric Range		
OM2.6.1.2	High Value	199	Changeable Data
OM2.6[2]	Reference (Normal) Range for Ordinal and Continuous Observations		
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
OM4.1	Sequence Number - Test/Observation Master File	2.1	IG Fixed Data
OM4.3	Container Description	Serum Gel Tube (SGT)	Changeable Data
OM4.4	Container Volume	8.5	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
OM4.7	Additive		
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
OM4.10	Normal Collection Volume		

Location	Quantity	Data Element	0.5	Data	Changeable Data	Categorization
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		P		Test Case Fixed Data	

OM4

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	2.2	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

OM41.6	Location	Specimen Preparation	Data Element	P	Data	Test Case Fixed Data	Categorization
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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	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 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

Location	Data Element	Data	Changeable Data
OM1.48	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
OMC.11[3]	Answer Choices		
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

Location	Data Element	Data	Category
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
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.5.7	Coding System Version ID	2.8.2	Test Case Fixed Data
OMC.6	Communication Location		
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
OMC.7	Answer Required	Y	Changeable Data
OMC.8	Hint/Help Text	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
OMC.9	Type of Answer	NM	Test Case Fixed Data
OMC.12	Character Limit	6	Changeable Data
OMC.13	Number of Decimals	2	Changeable Data

OM4

Location	Data Element	Data	Category
OM4.1	Sequence Number - Test/Observation Master File	3.1	IG Fixed Data
OM4.3	Container Description	Serum Gel Tube (SGT)	Changeable Data
OM4.4	Container Volume	8.5	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
OM4.7	Additive		
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
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

Location	Data Element	Data	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	3.2	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	P	Test Case Fixed Data

Element	Data
Identifier	OMM
Event code	UPD

Test Details - Cholesterol (total), serum
Record information

Element	Data
Event code	MUP
Effective date and time	20131219145310
Test/Panel Name	Cholesterol (total), serum
Test/Panel identifier (code system)	402 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Cholesterol [Mass/volume] in Serum or Plasma
Test/Panel other identifier (code system)	2093-3 (LN)
Preferred Report Name	Total Cholesterol - Serum
Is the test/panel orderable ?	Y
Nature	A
Interpretation	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.
Patient preparation	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.
Factors that may affect the test	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Schedule	daily
Schedule	continuously
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

Ask at Order Entry questions

Element	Data
AOE question	Fasting Status
AOE question (code & code system)	1902 (99USL)
Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	Relevant Clinical Information
Is an answer required ?	Y
Hint/Help Text	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"
Type of Answer	CWE
Answer Choices (code & code system)	F (HL70916)
Answer Choices (code & code system)	NF (HL70916)
Answer Choices (code & code system)	U (HL70353)

Ask at Order Entry questions

Element	Data
AOE question	If DOB not available, what is patient age?

AOE question (code & code system)	1907 (99USL)
Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	OBX segment following an OBR segment
Is an answer required ?	Y
Hint/Help Text	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)
Type of Answer	NM
Character Limit	6
Number of Decimals	2

Numeric test details

Element	Data
Unit of measure	milligram per deciliter
Unit of measure (code & code system)	mg/dL (UCUM)

Specimen information details

Element	Data
Sequence ID	1.1
Container description	Serum Gel Tube (SGT)
Container volume	8.5
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Specimen (code & code system)	SST (HL70371)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	1.2
Container description	Red, No Additive tube
Container volume	10
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature

Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	A
Preferred Specimen Sequence ID	1.1

Test Details - Triglycerides, serum

Record information

Element	Data
Event code	MUP
Effective date and time	20131219145310
Test/Panel Name	Triglycerides, serum
Test/Panel identifier (code system)	408 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Triglyceride [Mass/volume] in Serum or Plasma
Test/Panel other identifier (code system)	2571-8 (LN)
Preferred Report Name	Triglyceride - Serum
Is the test/panel orderable ?	Y
Nature	A
Interpretation	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.
Patient preparation	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.
Factors that may affect the test	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Schedule	daily
Schedule	continuously
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

Ask at Order Entry questions

Element	Data
AOE question	Fasting Status
AOE question (code & code system)	1902 (99USL)
Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	Relevant Clinical Information
Is an answer required ?	Y
Hint/Help Text	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"
Type of Answer	CWE
Answer Choices (code & code system)	F (HL70916)
Answer Choices (code & code system)	NF (HL70916)
Answer Choices (code & code system)	U (HL70353)

Ask at Order Entry questions

Element	Data
AOE question	If DOB not available, what is patient age?

AOE question (code & code system)	1907 (99USL)
Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	OBX segment following an OBR segment
Is an answer required ?	Y
Hint/Help Text	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)
Type of Answer	NM
Character Limit	6
Number of Decimals	2

Numeric test details

Element	Data
Unit of measure	milligram per deciliter
Unit of measure (code & code system)	mg/dL (UCUM)

Specimen information details

Element	Data
Sequence ID	2.1
Container description	Serum Gel Tube (SGT)
Container volume	8.5
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Specimen (code & code system)	SST (HL70371)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	2.2
Container description	Red, No Additive tube
Container volume	10
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature

Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	P

Test Details - High density lipoprotein cholesterol, serum (HDL)

Record information

Element	Data
Event code	MUP
Effective date and time	20131219145310
Test/Panel Name	High density lipoprotein cholesterol, serum (HDL)
Test/Panel identifier (code system)	404 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Cholesterol in HDL [Mass/volume] in Serum or Plasma
Test/Panel other identifier (code system)	2085-9 (LN)
Preferred Report Name	HDL Cholesterol - Serum
Is the test/panel orderable ?	Y
Nature	A
Interpretation	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.
Patient preparation	Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.
Factors that may affect the test	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Schedule	daily
Schedule	continuously
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

Ask at Order Entry questions

Element	Data
AOE question	Fasting Status
AOE question (code & code system)	1902 (99USL)
Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	Relevant Clinical Information
Is an answer required ?	Y
Hint/Help Text	Might be good to ask if fasting was more than 8 hours in order to answer as "Patient was fasting"
Type of Answer	CWE
Answer Choices (code & code system)	F (HL70916)
Answer Choices (code & code system)	NF (HL70916)
Answer Choices (code & code system)	U (HL70353)

Ask at Order Entry questions

Element	Data
AOE question	If DOB not available, what is patient age?
AOE question (code & code system)	1907 (99USL)

Collection Event/Process Step	Collecting the specimen
Collection Event/Process Step (code & code system)	DRW (HL70938)
Communication Location	OBX segment following an OBR segment
Is an answer required ?	Y
Hint/Help Text	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)
Type of Answer	NM
Character Limit	6
Number of Decimals	2

Specimen information details

Element	Data
Sequence ID	3.1
Container description	Serum Gel Tube (SGT)
Container volume	8.5
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Specimen (code & code system)	SST (HL70371)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	3.2
Container description	Red, No Additive tube
Container volume	10
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.25
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Handling Code (code & code system)	AMB (HL70376)
Specimen Preference	P

MSH^^^&#NIST Test Lab APP|NIST Lab Facility|NIST EHR Facility|20130421113601-0700||MFN^M08^MFN_M08|EDOS_2.5_1.1-M08-NG|D|2.5.1|||||EDOS_Common_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS_NG_Component^EDOS NG Profile^2.16.840.1.113883.9.69^ISO

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

MFE|MUP||20131219145310|402^Cholesterol (total), serum^99USL^^^^20130421|CWE

OM1|1|402^Cholesterol (total), serum^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2103||2093-3^Cholesterol [Mass/volume] in Serum or Plasma^LN||Total Cholesterol - Serum||Y||||A|||||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.||||Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.||Insufficient specimen, Improper labeling., gross hemolysis, warm sample|daily~continuously||||N|LAB|||||2093-3^Cholesterol [Mass/volume] in Serum or Plasma^LN^402^Cholesterol (total), serum^99USL|1^&day

OMC||||1902^Fasting Status^99USL^49541-6^Fasting Status^LN^20130421^2.52|DRW^Collecting the specimen^HL70938|OBR-13^Relevant Clinical Information^HL70939^^^^2.8.2|Y| Might be good to ask if fasting was more than 8 hours in order to answer a s "Patient was fasting"|CWE||F^Patient was fasting prior to the procedure^HL70916~NF^The patient indicated they did not fast prior to the procedure^HL70916~U^Unknown^HL70353

OMC||||1907^If DOB not available, what is patient age?^99USL^30525-0^Age^LN^20130421^2.52|DRW^Collecting the specimen^HL70938^^^^2.8.2|OBR-OBX^OBX segment following an OBR segment^HL70939|Y|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)|NM||6|2

OM2|1|mg/dL^milligram per deciliter^UCUM^^^^1.8||||170&199

OM4|1.1||Serum Gel Tube (SGT)|8.5|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731|SST^Serum Separator Tube (Polymer Gel)^HL70371^^^^2.5.1||0.5^mL&milliliter^UCUM&&&&1.8|0.25^mL&milliliter^UCUM&&&&1.8|Keep at room temperature||AMB^Ambient temperature^HL70376^^^^2.5.1|P

OM4|1.2||Red, No Additive tube|10|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731||0.5^mL&milliliter^UCUM&&&&1.8|0.25^mL&milliliter^UCUM&&&&1.8|Keep at room temperature||AMB^Ambient temperature^HL70376^^^^2.5.1|A|1.1

MFE|MUP||20131219145310|408^Triglycerides, serum^99USL^^^^20130421|CWE

OM1|2|408^Triglycerides, serum^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2103||2571-8^Triglyceride [Mass/volume] in Serum or Plasma^LN||Triglyceride - Serum||Y||||A|||||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.||||Collection Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.||Insufficient specimen, Improper labeling., gross hemolysis, warm sample|daily~continuously||||N|LAB|||||2571-8^Triglyceride [Mass/volume] in Serum or Plasma^LN^408^Triglycerides, serum^99USL|1^&day

OMC||||1902^Fasting Status^99USL^49541-6^Fasting Status^LN^20130421^2.52|DRW^Collecting the specimen^HL70938|OBR-13^Relevant Clinical Information^HL70939^^^^2.8.2|Y| Might be good to ask if fasting was more than 8 hours in order to answer a s "Patient was fasting"|CWE||F^Patient was fasting prior to the procedure^HL70916~NF^The patient indicated they did not fast prior to the procedure^HL70916~U^Unknown^HL70353

OMC||||1907^If DOB not available, what is patient age?^99USL^30525-0^Age^LN^20130421^2.52|DRW^Collecting the specimen^HL70938^^^^2.8.2|OBR-OBX^OBX segment following an OBR segment^HL70939|Y|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)|NM||6|2

OM2|2|mg/dL^milligram per deciliter^UCUM^^^^1.8||||&199~90&129

OM4|2.1||Serum Gel Tube (SGT)|8.5|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731|SST^Serum Separator Tube (Polymer Gel)^HL70371^^^^2.5.1||0.5^mL&milliliter^UCUM&&&&1.8|0.25^mL&milliliter^UCUM&&&&1.8|Keep at room temperature||AMB^Ambient temperature^HL70376^^^^2.5.1|P

OM4|2.2||Red, No Additive tube|10|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731|||0.5^mL&millilit er&UCUM&&&&1.8|0.25^mL&milliliter&UCUM&&&&1.8|Keep at room temperature||AMB^Ambient temperature^HL70376^^^^2.5.1|P

MFE|MUP||20131219145310|404^High density lipoprotein cholesterol, serum (HDL)^99USL^^^^20130421|CWE

OM1|3|404^High density lipoprotein cholesterol, serum (HDL)^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical L
aboratory^99USL^^^^2103||2085-9^Cholesterol in HDL [Mass/volume] in Serum or Plasma^LN||HDL Cholesterol - Serum||Y|||
|A|||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. Als
o important in patients with xanthomas, hypothyroidism, nephrosis, renal failure, obesity, diabetes mellitus, alcoholism
, primary biliary cirrhosis, and other types of cholestasis.||||Collection Instructions: 1. Fasting overnight (12 hour
s). 2. Patient must not consume any alcohol for 24 hours before the specimen is drawn.||Insufficient specimen, Improper
labeling., gross hemolysis, warm sample|daily~continuously|||N|LAB|||2085-9^Cholesterol in HDL [Mass/volume] i
n Serum or Plasma^LN^404^High density lipoprotein cholesterol, serum (HDL)^99USL|1^&day

OMC|||1902^Fasting Status^99USL^49541-6^Fasting Status^LN^20130421^2.52|DRW^Collecting the specimen^HL70938|OBR-13^Rel
evant Clinical Information^HL70939^^^^2.8.2|Y| Might be good to ask if fasting was more than 8 hours in order to answer a
s "Patient was fasting"|CWE||F^Patient was fasting prior to the procedure^HL70916~NF^The patient indicated they did not
fast prior to the procedure^HL70916~U^Unknown^HL70353

OMC|||1907^If DOB not available, what is patient age?^99USL^30525-0^Age^LN^20130421^2.52|DRW^Collecting the specimen^H
L70938^^^^2.8.2|OBR-OBX^OBX segment following an OBR segment^HL70939|Y|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 pediat
ric tests or years for most tests)|NM|||6|2

OM4|3.1||Serum Gel Tube (SGT)|8.5|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731|SST^Serum Separato
r Tube (Polymer Gel)^HL70371^^^^2.5.1|||0.5^mL&milliliter&UCUM&&&&1.8|0.25^mL&milliliter&UCUM&&&&1.8|Keep at room temper
ature||AMB^Ambient temperature^HL70376^^^^2.5.1|P

OM4|3.2||Red, No Additive tube|10|mL^milliliter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130731|||0.5^mL&millilit
er&UCUM&&&&1.8|0.25^mL&milliliter&UCUM&&&&1.8|Keep at room temperature||AMB^Ambient temperature^HL70376^^^^2.5.1|P