NIST HL7 V2 Validation Tool Test Data

Electronic Directory Of Service (eDOS)

Version 1.0

13th March, 2015

eDOS Test Case EDOS_2.4_1.1-M08_NG

M08_Update_combo

Test Story

Description

The originator of the eDOS is the Century Hospital Clinical Laboratory located at 2070 Test Park, Los Angeles, CA, 90067, CLIA: 24D9871327 , phone number: (310) 461-3666.
The Sender is the Century Hospital Clinical Laboratory LIS.
The Receiver is Dr Radon's Office EHR.

The Laboratory Test Compendium from Century Hospital Clinical Laboratory is a subset of their Directory of Services. It based upon the most commonly ordered lab tests by Dr. Radon. This compendium is being used by Dr. Nicholas Radon's practice EHR to place orders electronically to Century Hospital's Clinical Laboratory. Century Hospital has made the following changes to their test compendium:
- Added a Lipid Panel and its related components
- Added a Measured Low density lipoprotein cholesterol, serum (LDL) test
- Deactivated a serology test for Saint Luis Encephalits IgG Antibody
- Revised the text for interpretation of Urine Glucose test results.

Century Hospital's LIS transmits the appropriate eDOS update message with these changes to Dr Radon's EHR.

Comments

Combination of update changes including addition, revision and deactivation of information about individual observations.

PreCondition

EDOS_1.0_1.1-M08_New
and
EDOS_1.0_2.1-M10_New
and
EDOS_1.0_3.1-M04_New
have been uploaded.

PostCondition

No Post-Condition.

TestObjectives

- Demonstrate capability to support a M08 update message - action: combination of addition, de-activation and revision
- Demonstrate capability to support repeating fields in OM1-31 (Observations Required to Interpret the Observation),OM1-32 (Interpretation of Observations), OM1-40 (Service/Test/Observation Performance Schedule), OM4-3(Container Description), OM4-4 (Container Volume), and OM4-5 (Container Units).
- Demonstrate capability to support repeating segments for OM4.

Notes to Testers

No Note.

Message Content Data Sheet

Test Case Information

EDOS_2.4_1.1-M08-NG - M08_Update_combo	
Test Case ID	EDOS_2.4_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_2.4_1.1-M08-NG	System Generated
MSH.11	**Processing ID**		
MSH.11.1	Processing ID	T	Changeable Data
MSH.12	**VersionID**		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	**Accept Acknowledgment Type**	AL	Changeable Data
MSH.16	**Application Acknowledgment Type**	NE	Changeable Data
MSH.21[1]	**Message Profile Identifier**		
MSH.21[1].1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21[1].2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21[1].3	Universal ID	2.16.840.1.113883.9.67	Test Case Fixed Data
MSH.21[1].4	Universal ID Type	ISO	IG Fixed Data

MSH.21[2]	**Message Profile Identifier**		
MSH.21[2].1	Entity Identifier	EDOS_NG_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS NG Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.69	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data

MFI :

Location	Data Element	Data	Categorization
MFI.1	**Master File Identifier**		
MFI.1.1	Identifier	OMA	IG Fixed Data
MFI.1.2	Text	Numerical observation master file	Changeable Data
MFI.1.3	Name of Coding System	HL70175	IG Fixed Data
MFI.1.7	Coding System Version ID	2.5.1	Test Case Fixed Data
MFI.3	**File-Level Event Code**	UPD	Test Case Fixed Data
MFI.6	**Response Level Code**	NE	IG Fixed Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MDC	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	1305	Changeable Data
MFE.4.2	Text	SLE IgG Titer Serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	1	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		

OM1.2.1	Identifier	1305	Changeable Data
OM1.2.2	Text	SLE IgG Titer Serum	Changeable Data
OM1.2.3	Name of Coding System	99USI	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	**Specimen Required**	N	Changeable Data
OM1.5	**Producer ID**		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USI	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	**Other Service/Test/Observation IDs for the Observation**		
OM1.7.1	Identifier	22512-8	Test Case Fixed Data
OM1.7.2	Text	Saint Louis encephalitis virus IgG Ab [Titer] in Serum	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	**Preferred Report Name for the Observation**	Saint Luis Virus IgG	Changeable Data
OM1.12	**Orderability**	Y	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	IG Fixed Data
OM1.39	**Factors that may Affect the Observation**	Insufficient specimen, Improper labeling	Changeable Data
OM1.40[1]	**Service/Test/Observation Performance Schedule**	Monday through Friday	Changeable Data
OM1.48	**Exclusive Test**	N	Changeable Data
OM1.49	**Diagnostic Service Sector ID**	LAB	Changeable Data
OM1.56[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	22512-8	Test Case Fixed Data
OM1.56[1].2	Text	Saint Louis encephalitis virus IgG Ab [Titer] in Serum	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	1305	Changeable Data
OM1.56[1].5	Alternate Text	SLE IgG Titer Serum	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	2	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

OM4 :

Location	Data Element	Data	Categorization
OM4.1	**Sequence Number - Test/Observation Master File**	1	IG Fixed Data
OM4.3[1]	**Container Description**	Gold Serum Separator tube	Changeable Data
OM4.3[2]	**Container Description**	Red, No Additive tube	Changeable Data
OM4.4[1]	**Container Volume**	5.0	Changeable Data
OM4.4[2]	**Container Volume**	5.0	Changeable Data
OM4.5[1]	**Container Units**		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	mililiter	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
OM4.5[2]	**Container Units**		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	mililiter	Changeable Data
OM4.5[2].3	Name of Coding System	UCUM	Changeable Data
OM4.5[2].7	Coding System Version ID	1.8	Changeable Data
OM4.6	**Specimen**		
OM4.6.1	Identifier	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	20130131	Changeable Data
OM4.10	**Normal Collection Volume**		
OM4.10.1	Quantity	1	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliter	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11	**Minimum Collection Volume**		
OM4.11.1	Quantity	0.5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliter	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data

OM4.12	**Specimen Requirements**	Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.	Changeable Data
OM4.15[1]	**Specimen Handling Code**		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	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
OM4.16	**Specimen Preference**	P	Test Case Fixed Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	408	Changeable Data
MFE.4.2	Text	Triglycerides, serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	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	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	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**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	IG Fixed Data
OM1.31[1]	**Observations Required to Interpret the Observation**		
OM1.31[1].1	Identifier	49541-6	Changeable Data
OM1.31[1].2	Text	Fasting status [Presence] - reported	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.31[1].7	Coding System Version ID	2.44	Changeable Data
OM1.31[2]	**Observations Required to Interpret the Observation**		
OM1.31[2].1	Identifier	30525-0	Changeable Data
OM1.31[2].2	Text	Age	Changeable Data
OM1.31[2].3	Name of Coding System	LN	Changeable Data
OM1.31[2].7	Coding System Version ID	2.44	Changeable Data
OM1.32[1]	**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[1]	**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[1]	**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[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	2571-8	Changeable Data
OM1.56[1].2	Text	Triglyceride [Mass/volume] in Serum or Plasma	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	408	Changeable Data
OM1.56[1].5	Alternate Text	Triglycerides, serum	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	404	Changeable Data
MFE.4.2	Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	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	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	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**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	IG Fixed Data
OM1.31[1]	**Observations Required to Interpret the Observation**		
OM1.31[1].1	Identifier	30525-0	Changeable Data
OM1.31[1].2	Text	Age	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data

OM1.32[1]	**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[1]	**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[1]	**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[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	2085-9	Changeable Data
OM1.56[1].2	Text	Cholesterol in HDL [Mass/volume] in Serum or Plasma	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	404	Changeable Data
OM1.56[1].5	Alternate Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	402	Changeable Data
MFE.4.2	Text	Cholesterol (total), serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	4	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	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	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**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	IG Fixed Data

OM1.31[1]	**Observations Required to Interpret the Observation**		
OM1.31[1].1	Identifier	30525-0	Changeable Data
OM1.31[1].2	Text	Age	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.31[2]	**Observations Required to Interpret the Observation**		
OM1.31[2].1	Identifier	49541-6	Changeable Data
OM1.31[2].2	Text	Fasting status [Presence] - reported	Changeable Data
OM1.31[2].3	Name of Coding System	LN	Changeable Data
OM1.31[2].7	Coding System Version ID	2.44	Changeable Data
OM1.32[1]	**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[1]	**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[1]	**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[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	2093-3	Changeable Data
OM1.56[1].2	Text	Cholesterol [Mass/volume] in Serum or Plasma	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	402	Changeable Data

OM1.56[1].5	Alternate Text	Cholesterol (total), serum	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	406	Changeable Data
MFE.4.2	Text	Low density lipoprotein cholesterol, serum (LDL)	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	5	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		
OM1.2.1	Identifier	406	Changeable Data
OM1.2.2	Text	Low density lipoprotein cholesterol, serum (LDL)	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	2103	Changeable Data
OM1.7	**Other Service/Test/Observation IDs for the Observation**		
OM1.7.1	Identifier	13457-7	Test Case Fixed Data
OM1.7.2	Text	Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	**Preferred Report Name for the Observation**	LDL Cholesterol - Serum (calculated)	Changeable Data
OM1.12	**Orderability**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	C	IG Fixed Data
OM1.31[1]	**Observations Required to Interpret the Observation**		
OM1.31[1].1	Identifier	30525-0	Changeable Data
OM1.31[1].2	Text	Age	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.32[1]	**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[1]	**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[1]	**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[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	13457-7	Changeable Data
OM1.56[1].2	Text	Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	406	Changeable Data
OM1.56[1].5	Alternate Text	Low density lipoprotein cholesterol, serum (LDL)	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	410	Changeable Data
MFE.4.2	Text	Low density lipoprotein cholesterol, serum (LDL) - measured	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	6	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		
OM1.2.1	Identifier	410	Changeable Data

OM1.2.2	Text	Low density lipoprotein cholesterol, serum (LDL) - measured	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	2103	Changeable Data
OM1.7	**Other Service/Test/Observation IDs for the Observation**		
OM1.7.1	Identifier	18262-6	Test Case Fixed Data
OM1.7.2	Text	Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	**Preferred Report Name for the Observation**	LDL Cholesterol - Serum (direct)	Changeable Data
OM1.12	**Orderability**	Y	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	IG Fixed Data
OM1.31[1]	**Observations Required to Interpret the Observation**		
OM1.31[1].1	Identifier	30525-0	Changeable Data
OM1.31[1].2	Text	Age	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.32[1]	**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[1]	**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[1]	**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[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	18262-6	Changeable Data
OM1.56[1].2	Text	Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	410	Changeable Data
OM1.56[1].5	Alternate Text	Low density lipoprotein cholesterol, serum (LDL) - measured	Changeable Data
OM1.56[1].6	Name of Alternate Coding System	99USI	Changeable Data
OM1.57[1]	**Expected Turn-Around Time**		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

OM4 :

Location	Data Element	Data	Categorization
OM4.1	**Sequence Number - Test/Observation Master File**	6.1	IG Fixed Data
OM4.3[1]	**Container Description**	Serum Gel Tube (SGT)	Changeable Data
OM4.4[1]	**Container Volume**	8.5	Changeable Data
OM4.5[1]	**Container Units**		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliter	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
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
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[1]	**Specimen Handling Code**		
OM4.15[1].1	Identifier	AMB	Changeable Data
OM4.15[1].2	Text	Ambient temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	Changeable Data
OM4.15[1].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**	6.2	IG Fixed Data
OM4.3[1]	**Container Description**	Red, No Additive tube	Changeable Data

OM4.4[1]	**Container Volume**	10	Changeable Data
OM4.5[1]	**Container Units**		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliter	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
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[1]	**Specimen Handling Code**		
OM4.15[1].1	Identifier	AMB	Changeable Data
OM4.15[1].2	Text	Ambient temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	Changeable Data
OM4.15[1].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	326	Changeable Data
MFE.4.2	Text	Glucose, urine	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	7	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		
OM1.2.1	Identifier	326	Changeable Data
OM1.2.2	Text	Glucose, urine	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	2349-9	Test Case Fixed Data
OM1.7.2	Text	Glucose [Presence] in Urine	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
OM1.11	**Preferred Long Name for the Observation**	Glucose, Semi quantitative, Urine	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**	An elevated urine glucose concentration indicates the presence of hyperglycemia or disorders of proximal renal tubules.	Changeable Data

OM1.37[1]	**Patient Preparation**	Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.	Changeable Data
OM1.39	**Factors that may Affect the Observation**	Insufficient specimen, Improper labeling, presence of preservatives, warm sample.	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
OM1.56[1]	**Observation Identifier associated with Producer's Service/Test/Observation ID**		
OM1.56[1].1	Identifier	2349-9	Changeable Data
OM1.56[1].2	Text	Glucose [Presence] in Urine	Changeable Data
OM1.56[1].3	Name of Coding System	LN	Test Case Fixed Data
OM1.56[1].4	Alternate Identifier	326	Changeable Data
OM1.56[1].5	Alternate Text	Glucose, urine	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
OM1.57[1]	**Expected Turn-Around Time**		
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
OM4.1	**Sequence Number - Test/Observation Master File**	7	IG Fixed Data
OM4.3[1]	**Container Description**	Sterile, plastic, leak proof container	Changeable Data
OM4.4[1]	**Container Volume**	4	Changeable Data
OM4.5[1]	**Container Units**		

OM4.5[1].1	Identifier	[foz_us]	Changeable Data
OM4.5[1].2	Text	fluid ounce (US)	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
OM4.6	**Specimen**		
OM4.6.1	Identifier	122575003	Test Case Fixed Data
OM4.6.2	Text	Urine specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier	UR	Changeable Data
OM4.6.5	Alternate Text	Random urine	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	Random urine	Changeable Data
OM4.10	**Normal Collection Volume**		
OM4.10.1	Quantity	20	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliter	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
OM4.11	**Minimum Collection Volume**		
OM4.11.1	Quantity	4	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliter	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
OM4.12	**Specimen Requirements**	Keep refrigerated	Changeable Data
OM4.15[1]	**Specimen Handling Code**		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	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
OM4.16	**Specimen Preference**	P	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	Deactivate: discontinue using record in master file, but do not delete from database
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	SLE IgG Titer Serum

General Segment

Element name	Data
Specimen Required	No
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Saint Louis encephalitis virus IgG Ab [Titer] in Serum
Preferred Report Name for the Observation	Saint Luis Virus IgG
Orderability	Yes
Nature of Service/Test/Observation	A
Factors that may Affect the Observation	Insufficient specimen, Improper labeling
Service/Test/Observation Performance Schedule	Monday through Friday
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Saint Louis encephalitis virus IgG Ab [Titer] in Serum
Expected Turn-Around Time	2 day

Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	1
Container Description	Gold Serum Separator tube
Container Description	Red, No Additive tube
Container Volume	5.0

Container Volume	5.0
Container Units	mililiter
Container Units	mililiter
Specimen	Serum specimen
Normal Collection Volume	1 milliliter
Minimum Collection Volume	0.5 milliliter
Specimen Requirements	Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

Test information [2]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Triglycerides, serum

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Triglyceride [Mass/volume] in Serum or Plasma
Preferred Report Name for the Observation	Triglyceride - Serum
Orderability	No
Nature of Service/Test/Observation	A
Observations Required to Interpret the Observation	Fasting status [Presence] - reported
Observations Required to Interpret the Observation	Age
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.
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 Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Service/Test/Observation Performance Schedule	daily
Service/Test/Observation Performance Schedule	continuously

Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Triglyceride [Mass/volume] in Serum or Plasma
Expected Turn-Around Time	1 day

Test information [3]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	High density lipoprotein cholesterol, serum (HDL)

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Cholesterol in HDL [Mass/volume] in Serum or Plasma
Preferred Report Name for the Observation	HDL Cholesterol - Serum
Orderability	No
Nature of Service/Test/Observation	A
Observations Required to Interpret the Observation	Age
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.
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 Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Service/Test/Observation Performance Schedule	daily
Service/Test/Observation Performance Schedule	continuously
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Cholesterol in HDL [Mass/volume] in Serum or Plasma
Expected Turn-Around Time	1 day

Test information [4]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Cholesterol (total), serum

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Cholesterol [Mass/volume] in Serum or Plasma
Preferred Report Name for the Observation	Total Cholesterol - Serum
Orderability	No
Nature of Service/Test/Observation	A
Observations Required to Interpret the Observation	Age
Observations Required to Interpret the Observation	Fasting status [Presence] - reported
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.
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 Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Service/Test/Observation Performance Schedule	daily
Service/Test/Observation Performance Schedule	continuously
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Cholesterol [Mass/volume] in Serum or Plasma
Expected Turn-Around Time	1 day

Test information [5]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Low density lipoprotein cholesterol, serum (LDL)

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation
Preferred Report Name for the Observation	LDL Cholesterol - Serum (calculated)
Orderability	No
Nature of Service/Test/Observation	C
Observations Required to Interpret the Observation	Age
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.
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 Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Service/Test/Observation Performance Schedule	daily
Service/Test/Observation Performance Schedule	continuously
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation
Expected Turn-Around Time	1 day

Test information [6]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Low density lipoprotein cholesterol, serum (LDL) - measured

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay
Preferred Report Name for the Observation	LDL Cholesterol - Serum (direct)

Orderability	Yes
Nature of Service/Test/Observation	A
Observations Required to Interpret the Observation	Age
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.
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 Observation	Insufficient specimen, Improper labeling, gross hemolysis, warm sample
Service/Test/Observation Performance Schedule	daily
Service/Test/Observation Performance Schedule	continuously
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay
Expected Turn-Around Time	1 day

Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	6.1
Container Description	Serum Gel Tube (SGT)
Container Volume	8.5
Container Units	milliliter
Specimen	Serum specimen
Additive	Serum Separator Tube (Polymer Gel)
Normal Collection Volume	0.5 milliliter
Minimum Collection Volume	0.25 milliliter
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Preference	Preferred

Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	6.2
Container Description	Red, No Additive tube
Container Volume	10
Container Units	milliliter

Specimen	Serum specimen
Normal Collection Volume	0.5 milliliter
Minimum Collection Volume	0.25 milliliter
Specimen Requirements	Keep at room temperature
Specimen Handling Code	Ambient temperature
Specimen Preference	Preferred

Test information [7]

Master File Entry

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

General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Glucose [Presence] in Urine
Preferred Long Name for the Observation	Glucose, Semi quantitative, Urine
Orderability	Yes
Nature of Service/Test/Observation	A
Interpretation of Observations	An elevated urine glucose concentration indicates the presence of hyperglycemia or disorders of proximal renal tubules.
Patient Preparation	Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.
Factors that may Affect the Observation	Insufficient specimen, Improper labeling, presence of preservatives, warm sample.
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Observation Identifier	Glucose [Presence] in Urine
Expected Turn-Around Time	1 day

Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	7
Container Description	Sterile, plastic, leak proof container
Container Volume	4

Container Units	fluid ounce (US)
Specimen	Urine specimen
Normal Collection Volume	20 milliliter
Minimum Collection Volume	4 milliliter
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

HL7 Message

MSH|^~\&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M08^MFN_M08|EDOS_2.4_1.1-M08-NG|T|2.5.1|||AL|NE|||||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|OMA^Numerical observation master file^HL70175^^^^2.5.1||UPD|||NE

MFE|MDC||20131219145310|1305^SLE IgG Titer Serum^99USI^^^^20130421|CWE

OM1|1|1305^SLE IgG Titer Serum^99USI^^^^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USI^^^^2013||22512-8^Saint Louis encephalitis virus IgG Ab [Titer] in Serum^LN||Saint Luis Virus IgG|||Y|||||A|||||||||||||||||Insufficient specimen, Improper labeling|Monday through Friday|||||||N|LAB||||||22512-8^Saint Louis encephalitis virus IgG Ab [Titer] in Serum^LN^1305^SLE IgG Titer Serum^99USI|2^&day

OM4|1||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0|mL^mililiter^UCUM^^^^1.8~mL^mililiter^UCUM^^^^1.8|119364003^Serum specimen^SCT^^^^20130131||||1^mL&milliliter&UCUM|0.5^mL&milliliter&UCUM&&&&1.8|Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.|||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

MFE|MAD||20131219145310|408^Triglycerides, serum^99USI^^^^20130421|CWE

OM1|2|408^Triglycerides, serum^99USI^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USI^^^^2103||2571-8^Triglyceride [Mass/volume] in Serum or Plasma^LN||Triglyceride - Serum|||N||||||A||||||||||49541-6^Fasting status [Presence] - reported^LN^^^^2.44~30525-0^Age^LN^^^^2.44|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 a therosclerosis 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^99USI|1^&day

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

OM1|3|404^High density lipoprotein cholesterol, serum (HDL)^99USI^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USI^^^^2103||2085-9^Cholesterol in HDL [Mass/volume] in Serum or Plasma^LN||HDL Cholesterol - Serum|||N|||||A||||||||||30525-0^Age^LN|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||||||2085-9^Cholesterol in HDL [Mass/volume] in Serum or Plasma^LN^404^High density lipoprotein cholesterol, serum (HDL)^99USI|1^&day

MFE|MAD||20131219145310|402^Cholesterol (total), serum^99USI^^^^20130421|CWE

OM1|4|402^Cholesterol (total), serum^99USI^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USI^^^^2103||2093-3^Cholesterol [Mass/volume] in Serum or Plasma^LN||Total Cholesterol - Serum|||N|||||A||||||||||30525-0^Age^LN~49541-6^Fasting status [Presence] - reported^LN^^^^2.44|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^99USI|1^&day

MFE|MAD||20131219145310|406^Low density lipoprotein cholesterol, serum (LDL)^99USI^^^^20130421|CWE

OM1|5|406^Low density lipoprotein cholesterol, serum (LDL)^99USI^^^^20130421||Y|05D0669071^Century Hospital Clinical La
boratory^99USI^^^^2103||13457-7^Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation^LN||LDL Cholesterol -
Serum (calculated)|||N||||||C|||||||||||30525-0^Age^LN|Investigation of serum lipids is indicated in those with coron
ary 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 failu
re, obesity, diabetes mellitus, alcoholism, primary biliary cirrhosis, and other types of cholestasis.|||||Collection In
structions: 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|||||||
13457-7^Cholesterol in LDL [Mass/volume] in Serum or Plasma by calculation^LN^406^Low density lipoprotein cholesterol, s
erum (LDL)^99USI|1^&day

MFE|MAD||20131219145310|410^Low density lipoprotein cholesterol, serum (LDL) - measured^99USI^^^^20130421|CWE

OM1|6|410^Low density lipoprotein cholesterol, serum (LDL) - measured^99USI^^^^20130421||Y|05D0669071^Century Hospital
Clinical Laboratory^99USI^^^^2103||18262-6^Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay^LN||LDL C
holesterol - Serum (direct)|||Y||||||A|||||||||||30525-0^Age^LN|Investigation of serum lipids is indicated in those wi
th coronary and other arterial disease, especially in patients younger than 40 years of age, and in those with family hi
story of atherosclerosis or of hyperlipidemia. Also important in patients with xanthomas, hypothyroidism, nephrosis, ren
al failure, obesity, diabetes mellitus, alcoholism, primary biliary cirrhosis, and other types of cholestasis.|||||Colle
ction Instructions: 1. Fasting overnight (12 hours). 2. Patient must not consume any alcohol for 24 hours before the s
pecimen is drawn.||Insufficient specimen, Improper labeling, gross hemolysis, warm sample|daily~continuously|||||||N|LA
B|||||||18262-6^Cholesterol in LDL [Mass/volume] in Serum or Plasma by Direct assay^LN^410^Low density lipoprotein chole
sterol, serum (LDL) - measured^99USI|1^&day

OM4|6.1||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|6.2||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|326^Glucose, urine^99USI^^^^20130421|CWE

OM1|7|326^Glucose, urine^99USI^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USI^^^^2013||2349-9^Glu
cose [Presence] in Urine^LN^^^^2.42||||Glucose, Semi quantitative, Urine|Y|||||A|||||||||||An elevated urine glucose
concentration indicates the presence of hyperglycemia or disorders of proximal renal tubules.|||||Collect random urine
in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection
, refrigerate after collection.||Insufficient specimen, Improper labeling, presence of preservatives, warm sample.|Daily
|||||||N|LAB||||||2349-9^Glucose [Presence] in Urine^LN^326^Glucose, urine^99USI^2.48^20130421|1^d&day&UCUM&&&&1.8

OM4|7||Sterile, plastic, leak proof container|4|[foz_us]^fluid ounce (US)^UCUM^^^^1.8|122575003^Urine specimen^SCT^UR^R
andom urine^99USI^20130131^2014^Random urine||||20^mL&milliliter&UCUM&&&&1.8|4^mL&milliliter&UCUM&&&&1.8|Keep refrigerat
ed|||REF^Refrigerated temperature^HL70376^^^^2.5.1|P