

#### Description

The initial Laboratory Test Compendium built by 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 delivered electronically to Dr. Nicholas Radon's practice EHR, as agreed to between Laboratory and Dr. Radon's Office and EHR-S Vendor. The EHR-S will integrate the eDOS into its test directory and use it to allow Dr. Radon to place orders electronically to Century Hospital's Clinical Laboratory.

The initial laboratory test compendium is composed of five messages.

After Century Hospital's LIS successfully transmits the first message which provides information about each individual observation, it sends the second message which provides information for each orderable battery or profile.

#### Comments

Initial upload of panels and profiles.

Since this is a replace message, all data in this message will replace information from a previous eDOS M10 message.

#### PreCondition

EDOS\_1.0\_1.1-M08\_New  
has been completed.

#### PostCondition

No Post-Condition.

#### TestObjectives

- Demonstrate capability to support a M10 initial load message for panels and profiles (i.e. panel of panels).
- Demonstrate capability to support all supported data elements, including repeating fields in the OM5 segment.
- Demonstrate capability to support all supported data elements, including repeating fields in the OM4 segment.
- Demonstrate capability to support repeating segments for OM4.

## Test Case Information

## EDOS\_1.0\_2.1-M10\_GU - M10\_New

Test Case ID

EDOS\_1.0\_2.1-M10\_GU

## MSH

Location	Data Element	Data	Categorization
<b>MSH.1</b>	<b>Field Separator</b>		IG Fixed Data
<b>MSH.2</b>	<b>Encoding Characters</b>	^~&#	IG Fixed Data
<b>MSH.3</b>	<b>Sending Application</b>		
MSH.3.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.3.2	Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
MSH.3.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.4.2	Universal ID	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.6.2	Universal ID	2.16.840.1.113883.3.72.5.23	Configurable Data
MSH.6.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20130421113601-0700	System Generated
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M10	IG Fixed Data
MSH.9.3	Message Structure	MFN_M10	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	EDOS_1.0_2.1-M10_GU	System Generated
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	D	Changeable Data
<b>MSH.12</b>	<b>VersionID</b>		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21.2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.67	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[2]</b>	<b>Message Profile Identifier</b>		
MSH.21[2].1	Entity Identifier	EDOS_GU_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS GU Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.68	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data

## MFI

Location	Data Element	Data	Categorization
<b>MFI.1</b>	<b>Master File Identifier</b>		
MFI.1.1	Identifier	OMC	IG Fixed Data
MFI.1.2	Text	Observation batteries master file	Changeable Data
MFI.1.3	Name of Coding System	HL70175	IG Fixed Data
MFI.1.7	Coding System Version ID	2.5.1	Test Case Fixed Data
<b>MFI.3</b>	<b>File-Level Event Code</b>	REP	Test Case Fixed Data
<b>MFI.6</b>	<b>Response Level Code</b>	NE	IG Fixed Data

## MFE

Location	Data Element	Data	Categorization
<b>MFE.1</b>	<b>Record-Level Event Code</b>	MAD	Test Case Fixed Data

Location	Data Element	Data	Categorization
MFE.3.1	Time	20131219145310	System Generated
<b>MFE.4</b>	<b>Primary Key Value - MFE</b>		
MFE.4.1	Identifier	100	Changeable Data
MFE.4.2	Text	CMP	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### OM1

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	1	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	100	Changeable Data
OM1.2.2	Text	CMP	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
<b>OM1.4</b>	<b>Specimen Required</b>	Y	Changeable Data
<b>OM1.5</b>	<b>Producer ID</b>		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
<b>OM1.7</b>	<b>Other Service/Test/Observation IDs for the Observation</b>		
OM1.7.1	Identifier	24323-8	Test Case Fixed Data
OM1.7.2	Text	Comprehensive metabolic 2000 panel - Serum or Plasma	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
<b>OM1.10</b>	<b>Preferred Short Name on Mnemonic for Observation</b>	CMP	Changeable Data
<b>OM1.12</b>	<b>Orderability</b>	Y	Test Case Fixed Data
<b>OM1.18</b>	<b>Nature of Service/Test/Observation</b>	P	Test Case Fixed Data
<b>OM1.32</b>	<b>Interpretation of Observations</b>	Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function.	Changeable Data
<b>OM1.37</b>	<b>Patient Preparation</b>	Patient fasting required for 12 hours.	Changeable Data
<b>OM1.39</b>	<b>Factors that may Affect the Observation</b>	Insufficient specimen, Gross hemolysis, Improper labeling..	Changeable Data
<b>OM1.40</b>	<b>Service/Test/Observation Performance Schedule</b>	Daily	Changeable Data
<b>OM1.48</b>	<b>Exclusive Test</b>	N	Changeable Data
<b>OM1.49</b>	<b>Diagnostic Service Sector ID</b>	LAB	Changeable Data
<b>OM1.51</b>	<b>Other Names</b>	CMP	Changeable Data
<b>OM1.57</b>	<b>Expected Turn-Around Time</b>		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.1	Identifier	d	Changeable Data
OM1.57.2.2	Text	day	Changeable Data
OM1.57.2.3	Name of Coding System	UCUM	Changeable Data
OM1.57.2.7	Coding System Version ID	1.8	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
<b>OM5.1</b>	<b>Sequence Number - Test/Observation Master File</b>	1	IG Fixed Data

OM5 Location	Test/Observations Included Within an Ordered Test Battery	Data Element	Category
OM5.2.1	Identifier	104	Changeable Data
OM5.2.2	Text	Serum Glucose	Changeable Data
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	2345-7	Changeable Data
OM5.2.5	Alternate Text	Glucose [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
OM5.2.7	Coding System Version ID	20130421	Changeable Data
OM5.2.8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[2]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[2].1	Identifier	106	Changeable Data
OM5.2[2].2	Text	Blood Urea Nitrogen (BUN)	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	3094-0	Changeable Data
OM5.2[2].5	Alternate Text	Urea nitrogen [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[2].7	Coding System Version ID	20130421	Changeable Data
OM5.2[2].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	102	Changeable Data
OM5.2[3].2	Text	Creatinine	Changeable Data
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	2160-0	Changeable Data
OM5.2[3].5	Alternate Text	Creatinine [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[3].7	Coding System Version ID	20130421	Changeable Data
OM5.2[3].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[4].1	Identifier	108	Changeable Data
OM5.2[4].2	Text	BUN/Creatinine Ratio	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	3097-3	Changeable Data
OM5.2[4].5	Alternate Text	Urea nitrogen/Creatinine [Mass Ratio] in Serum or Plasma	Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[4].7	Coding System Version ID	20130421	Changeable Data
OM5.2[4].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[5].1	Identifier	110	Changeable Data
OM5.2[5].2	Text	GFR, calculated	Changeable Data
OM5.2[5].3	Name of Coding System	99USL	Changeable Data
OM5.2[5].4	Alternate Identifier	33914-3	Changeable Data
OM5.2[5].5	Alternate Text	Glomerular filtration rate/1.73 sq M.predicted by Creatinine-based formula (MDRD)	Changeable Data
OM5.2[5].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[5].7	Coding System Version ID	20130421	Changeable Data
OM5.2[5].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[6].1	Identifier	112	Changeable Data

OM5.2[6].2 OM5.2[6].3	Text Name of Coding System	Calcium 99USL	Changeable Data Changeable Data
OM5.2[6].4	Alternate Identifier	17861-6	Changeable Data
OM5.2[6].5	Alternate Text	Calcium [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[6].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[6].7	Coding System Version ID	20130421	Changeable Data
OM5.2[6].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[7]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[7].1	Identifier	114	Changeable Data
OM5.2[7].2	Text	Total protein, serum	Changeable Data
OM5.2[7].3	Name of Coding System	99USL	Changeable Data
OM5.2[7].4	Alternate Identifier	2885-2	Changeable Data
OM5.2[7].5	Alternate Text	Protein [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[7].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[7].7	Coding System Version ID	20130421	Changeable Data
OM5.2[7].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[8]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[8].1	Identifier	116	Changeable Data
OM5.2[8].2	Text	Albumin	Changeable Data
OM5.2[8].3	Name of Coding System	99USL	Changeable Data
OM5.2[8].4	Alternate Identifier	1751-7	Changeable Data
OM5.2[8].5	Alternate Text	Albumin [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[8].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[8].7	Coding System Version ID	20130421	Changeable Data
OM5.2[8].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[9]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[9].1	Identifier	118	Changeable Data
OM5.2[9].2	Text	Globulin	Changeable Data
OM5.2[9].3	Name of Coding System	99USL	Changeable Data
OM5.2[9].4	Alternate Identifier	10834-0	Changeable Data
OM5.2[9].5	Alternate Text	Globulin [Mass/volume] in Serum by calculation	Changeable Data
OM5.2[9].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[9].7	Coding System Version ID	20130421	Changeable Data
OM5.2[9].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[10]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[10].1	Identifier	120	Changeable Data
OM5.2[10].2	Text	Albumin/globulin ratio	Changeable Data
OM5.2[10].3	Name of Coding System	99USL	Changeable Data
OM5.2[10].4	Alternate Identifier	1759-0	Changeable Data
OM5.2[10].5	Alternate Text	Albumin/Globulin [Mass Ratio] in Serum or Plasma	Changeable Data
OM5.2[10].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[10].7	Coding System Version ID	20130421	Changeable Data
OM5.2[10].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[11]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[11].1	Identifier	122	Changeable Data
OM5.2[11].2	Text	Total bilirubin, serum	Changeable Data
OM5.2[11].3	Name of Coding System	99USL	Changeable Data
OM5.2[11].4	Alternate Identifier	1975-2	Changeable Data
OM5.2[11].5	Alternate Text	Bilirubin.total [Mass/volume] in Serum or Plasma	Changeable Data

OM5.2[11].6 Location	Name of Alternate Coding System Coding System Version ID	LN 20130421	Data	Changeable Data Changeable Data
OM5.2[11].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[12]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[12].1	Identifier	124		Changeable Data
OM5.2[12].2	Text	Alkaline phosphatase (ALP)		Changeable Data
OM5.2[12].3	Name of Coding System	99USL		Changeable Data
OM5.2[12].4	Alternate Identifier	6768-6		Changeable Data
OM5.2[12].5	Alternate Text	Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma		Changeable Data
OM5.2[12].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[12].7	Coding System Version ID	20130421		Changeable Data
OM5.2[12].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[13]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[13].1	Identifier	126		Changeable Data
OM5.2[13].2	Text	Alanine aminotransferase (ALT)		Changeable Data
OM5.2[13].3	Name of Coding System	99USL		Changeable Data
OM5.2[13].4	Alternate Identifier	1742-6		Changeable Data
OM5.2[13].5	Alternate Text	Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma		Changeable Data
OM5.2[13].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[13].7	Coding System Version ID	20130421		Changeable Data
OM5.2[13].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[14]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[14].1	Identifier	128		Changeable Data
OM5.2[14].2	Text	Aspartate aminotransferase (ASP)		Changeable Data
OM5.2[14].3	Name of Coding System	99USL		Changeable Data
OM5.2[14].4	Alternate Identifier	1920-8		Changeable Data
OM5.2[14].5	Alternate Text	Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma		Changeable Data
OM5.2[14].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[14].7	Coding System Version ID	20130421		Changeable Data
OM5.2[14].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[15]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[15].1	Identifier	130		Changeable Data
OM5.2[15].2	Text	Sodium, serum		Changeable Data
OM5.2[15].3	Name of Coding System	99USL		Changeable Data
OM5.2[15].4	Alternate Identifier	2951-2		Changeable Data
OM5.2[15].5	Alternate Text	Sodium [Moles/volume] in Serum or Plasma		Changeable Data
OM5.2[15].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[15].7	Coding System Version ID	20130421		Changeable Data
OM5.2[15].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[16]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[16].1	Identifier	132		Changeable Data
OM5.2[16].2	Text	Potassium, serum		Changeable Data
OM5.2[16].3	Name of Coding System	99USL		Changeable Data
OM5.2[16].4	Alternate Identifier	2823-3		Changeable Data
OM5.2[16].5	Alternate Text	Potassium [Moles/volume] in Serum or Plasma		Changeable Data
OM5.2[16].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[16].7	Coding System Version ID	20130421		Changeable Data
OM5.2[16].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[17]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			



Location	Identifier	Data Element	134	Data	Changeable Data	Categorization
OM5.2[17].2		Text		Chloride, serum		Changeable Data
OM5.2[17].3		Name of Coding System		99USL		Changeable Data
OM5.2[17].4		Alternate Identifier		2075-0		Changeable Data
OM5.2[17].5		Alternate Text		Chloride [Moles/volume] in Serum or Plasma		Changeable Data
OM5.2[17].6		Name of Alternate Coding System		LN		Changeable Data
OM5.2[17].7		Coding System Version ID		20130421		Changeable Data
OM5.2[17].8		Alternate Coding System Version ID		2.42		Changeable Data
<b>OM5.2[18]</b>		<b>Test/Observations Included Within an Ordered Test Battery</b>				
OM5.2[18].1		Identifier		136		Changeable Data
OM5.2[18].2		Text		Carbon dioxide, serum		Changeable Data
OM5.2[18].3		Name of Coding System		99USL		Changeable Data
OM5.2[18].4		Alternate Identifier		2028-9		Changeable Data
OM5.2[18].5		Alternate Text		Carbon dioxide, total [Moles/volume] in Serum or Plasma		Changeable Data
OM5.2[18].6		Name of Alternate Coding System		LN		Changeable Data
OM5.2[18].7		Coding System Version ID		20130421		Changeable Data
OM5.2[18].8		Alternate Coding System Version ID		2.42		Changeable Data
<b>OM5.2[19]</b>		<b>Test/Observations Included Within an Ordered Test Battery</b>				
OM5.2[19].1		Identifier		138		Changeable Data
OM5.2[19].2		Text		Anion gap		Changeable Data
OM5.2[19].3		Name of Coding System		99USL		Changeable Data
OM5.2[19].7		Coding System Version ID		20130421		Changeable Data

#### OM4

Location	Identifier	Data Element	Data	Categorization
<b>OM4.1</b>		<b>Sequence Number - Test/Observation Master File</b>	1	IG Fixed Data
<b>OM4.3</b>		<b>Container Description</b>	Gold Serum Separator tube	Changeable Data
<b>OM4.3[2]</b>		<b>Container Description</b>	Red, No Additive tube	Changeable Data
<b>OM4.4</b>		<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.4[2]</b>		<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.5</b>		<b>Container Units</b>		
OM4.5.1		Identifier	mL	Changeable Data
OM4.5.2		Text	milliliter	Changeable Data
OM4.5.3		Name of Coding System	UCUM	Changeable Data
OM4.5.7		Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>		<b>Container Units</b>		
OM4.5[2].1		Identifier	mL	Changeable Data
OM4.5[2].2		Text	milliliter	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
<b>OM4.6</b>		<b>Specimen</b>		
OM4.6.1		Identifier	119364003	Test Case Fixed Data
OM4.6.2		Text	Serum specimen	Changeable Data
OM4.6.3		Name of Coding System	SCT	Test Case Fixed Data
OM4.6.7		Coding System Version ID	201509-US Ed	Changeable Data
<b>OM4.10</b>		<b>Normal Collection Volume</b>		
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
<b>OM4.11</b>		<b>Minimum Collection Volume</b>		
OM4.11.1		Quantity	0.5	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	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	Specimen Handling Code		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
OM4.16	Specimen Preference	P	Test Case Fixed Data

#### MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	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	300	Changeable Data
MFE.4.2	Text	Comprehensive Urinalysis	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	300	Changeable Data
OM1.2.2	Text	Comprehensive Urinalysis	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	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	50564-4	Test Case Fixed Data
OM1.7.2	Text	Urinalysis panel - Urine by Auto	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.7.7	Coding System Version ID	2.44	Changeable Data
OM1.9	Preferred Report Name for the Observation	Comprehensive Urinalysis	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	P	Test Case Fixed Data
OM1.32	Interpretation of Observations	Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic	Changeable Data



Location	Data Element	Data	Categorization
OM1.37	Patient Preparation	examination of the urine sediment. 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
OM1.37[2]	Patient Preparation	Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted.	Changeable Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling., presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	2	IG Fixed Data
OM5.2	Test/Observations Included Within an Ordered Test Battery		
OM5.2.1	Identifier	344	Changeable Data
OM5.2.2	Text	Color of Urine	Changeable Data
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	5778-6	Changeable Data
OM5.2.5	Alternate Text	Color of Urine	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
OM5.2.7	Coding System Version ID	20130421	Changeable Data
OM5.2.8	Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[2]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[2].1	Identifier	346	Changeable Data
OM5.2[2].2	Text	Clarity of Urine	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	32167-9	Changeable Data
OM5.2[2].5	Alternate Text	Clarity of Urine	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[2].7	Coding System Version ID	20130421	Changeable Data
OM5.2[2].8	Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[3]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1	Identifier	302	Changeable Data
OM5.2[3].2	Text	Erythrocytes, urine	Changeable Data
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	46419-8	Changeable Data

OM5.2[3]	Alternate Text	Data Element	Erythrocytes [#area] in Urine sediment by Automated count	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[3].7	Coding System Version ID	20130421		Changeable Data
OM5.2[3].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[4].1	Identifier	304		Changeable Data
OM5.2[4].2	Text	Leukocytes, urine		Changeable Data
OM5.2[4].3	Name of Coding System	99USL		Changeable Data
OM5.2[4].4	Alternate Identifier	46702-7		Changeable Data
OM5.2[4].5	Alternate Text	Leukocytes [#area] in Urine sediment by Automated count		Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[4].7	Coding System Version ID	20130421		Changeable Data
OM5.2[4].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[5].1	Identifier	306		Changeable Data
OM5.2[5].2	Text	Leukocyte clumps, urine		Changeable Data
OM5.2[5].3	Name of Coding System	99USL		Changeable Data
OM5.2[5].4	Alternate Identifier	50233-6		Changeable Data
OM5.2[5].5	Alternate Text	Leukocyte clumps [#area] in Urine sediment by Automated count		Changeable Data
OM5.2[5].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[5].7	Coding System Version ID	20130421		Changeable Data
OM5.2[5].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[6].1	Identifier	308		Changeable Data
OM5.2[6].2	Text	Non-squamous epithelial cells. , urine		Changeable Data
OM5.2[6].3	Name of Coding System	99USL		Changeable Data
OM5.2[6].4	Alternate Identifier	53294-5		Changeable Data
OM5.2[6].5	Alternate Text	Epithelial cells.non-squamous [#area] in Urine sediment by Automated count		Changeable Data
OM5.2[6].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[6].7	Coding System Version ID	20130421		Changeable Data
OM5.2[6].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[7]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[7].1	Identifier	310		Changeable Data
OM5.2[7].2	Text	Squamous epithelial cells. , urine		Changeable Data
OM5.2[7].3	Name of Coding System	99USL		Changeable Data
OM5.2[7].4	Alternate Identifier	33219-7		Changeable Data
OM5.2[7].5	Alternate Text	Epithelial cells.squamous [#area] in Urine sediment by Automated count		Changeable Data
OM5.2[7].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[7].7	Coding System Version ID	20130421		Changeable Data
OM5.2[7].8	Alternate Coding System Version ID	2.42		Changeable Data
<b>OM5.2[8]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>			
OM5.2[8].1	Identifier	314		Changeable Data
OM5.2[8].2	Text	Bacteria, urine		Changeable Data
OM5.2[8].3	Name of Coding System	99USL		Changeable Data
OM5.2[8].4	Alternate Identifier	33218-9		Changeable Data
OM5.2[8].5	Alternate Text	Bacteria [#area] in Urine sediment by Automated count		Changeable Data
OM5.2[8].6	Name of Alternate Coding System	LN		Changeable Data
OM5.2[8].7	Coding System Version ID	20130421		Changeable Data

OM5.2[9].8	Alternate Coding System Version ID	2.42	Changeable Data
Location	Data Element	Data	Categorization
<b>OM5.2[9]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[9].1	Identifier	312	Changeable Data
OM5.2[9].2	Text	Crystals , urine	Changeable Data
OM5.2[9].3	Name of Coding System	99USL	Changeable Data
OM5.2[9].4	Alternate Identifier	53322-4	Changeable Data
OM5.2[9].5	Alternate Text	Crystals [# /area] in Urine sediment by Automated count	Changeable Data
OM5.2[9].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[9].7	Coding System Version ID	20130421	Changeable Data
OM5.2[9].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[10]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[10].1	Identifier	316	Changeable Data
OM5.2[10].2	Text	Hyaline casts	Changeable Data
OM5.2[10].3	Name of Coding System	99USL	Changeable Data
OM5.2[10].4	Alternate Identifier	33223-9	Changeable Data
OM5.2[10].5	Alternate Text	Hyaline casts [# /area] in Urine sediment by Automated count	Changeable Data
OM5.2[10].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[10].7	Coding System Version ID	20130421	Changeable Data
OM5.2[10].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[11]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[11].1	Identifier	318	Changeable Data
OM5.2[11].2	Text	Casts	Changeable Data
OM5.2[11].3	Name of Coding System	99USL	Changeable Data
OM5.2[11].4	Alternate Identifier	43755-8	Changeable Data
OM5.2[11].5	Alternate Text	Casts [# /area] in Urine sediment by Automated count	Changeable Data
OM5.2[11].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[11].7	Coding System Version ID	20130421	Changeable Data
OM5.2[11].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[12]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[12].1	Identifier	320	Changeable Data
OM5.2[12].2	Text	Spermatozoa, urine	Changeable Data
OM5.2[12].3	Name of Coding System	99USL	Changeable Data
OM5.2[12].4	Alternate Identifier	53324-0	Changeable Data
OM5.2[12].5	Alternate Text	Spermatozoa [# /area] in Urine sediment by Automated count	Changeable Data
OM5.2[12].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[12].7	Coding System Version ID	20130421	Changeable Data
OM5.2[12].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[13]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[13].1	Identifier	322	Changeable Data
OM5.2[13].2	Text	Mucus,urine	Changeable Data
OM5.2[13].3	Name of Coding System	99USL	Changeable Data
OM5.2[13].4	Alternate Identifier	50235-1	Changeable Data
OM5.2[13].5	Alternate Text	Mucus [# /area] in Urine sediment by Automated count	Changeable Data
OM5.2[13].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[13].7	Coding System Version ID	20130421	Changeable Data
OM5.2[13].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[14]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[14].1	Identifier	324	Changeable Data

OM5.2[14].2 Location	Text Data Element	Total bilirubin,urine Data	Changeable Data Categorization
OM5.2[14].3	Name of Coding System	99USL	Changeable Data
OM5.2[14].4	Alternate Identifier	53327-3	Changeable Data
OM5.2[14].5	Alternate Text	Bilirubin.total [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[14].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[14].7	Coding System Version ID	20130421	Changeable Data
OM5.2[14].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[15]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[15].1	Identifier	326	Changeable Data
OM5.2[15].2	Text	Glucose, urine	Changeable Data
OM5.2[15].3	Name of Coding System	99USL	Changeable Data
OM5.2[15].4	Alternate Identifier	53328-1	Changeable Data
OM5.2[15].5	Alternate Text	Glucose [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[15].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[15].7	Coding System Version ID	20130421	Changeable Data
OM5.2[15].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[16]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[16].1	Identifier	328	Changeable Data
OM5.2[16].2	Text	Hemoglobin, urine	Changeable Data
OM5.2[16].3	Name of Coding System	99USL	Changeable Data
OM5.2[16].4	Alternate Identifier	50559-4	Changeable Data
OM5.2[16].5	Alternate Text	Hemoglobin [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[16].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[16].7	Coding System Version ID	20130421	Changeable Data
OM5.2[16].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[17]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[17].1	Identifier	330	Changeable Data
OM5.2[17].2	Text	Ketones , urine	Changeable Data
OM5.2[17].3	Name of Coding System	99USL	Changeable Data
OM5.2[17].4	Alternate Identifier	50557-8	Changeable Data
OM5.2[17].5	Alternate Text	Ketones [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[17].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[17].7	Coding System Version ID	20130421	Changeable Data
OM5.2[17].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[18]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[18].1	Identifier	332	Changeable Data
OM5.2[18].2	Text	Leukocyte esterase, urine	Changeable Data
OM5.2[18].3	Name of Coding System	99USL	Changeable Data
OM5.2[18].4	Alternate Identifier	60026-2	Changeable Data
OM5.2[18].5	Alternate Text	Leukocyte esterase [Presence] in Urine by Automated test strip	Changeable Data
OM5.2[18].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[18].7	Coding System Version ID	20130421	Changeable Data
OM5.2[18].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[19]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[19].1	Identifier	334	Changeable Data
OM5.2[19].2	Text	Nitrite, urine	Changeable Data
OM5.2[19].3	Name of Coding System	99USL	Changeable Data
OM5.2[19].7	Coding System Version ID	20130421	Changeable Data
	<b>Test/Observations Included Within an</b>		

Location	Ordered Test Battery	Data Element	Data	Categorization
OM5.2[20].1	Identifier		336	Changeable Data
OM5.2[20].2	Text		Urine pH	Changeable Data
OM5.2[20].3	Name of Coding System		99USL	Changeable Data
OM5.2[20].4	Alternate Identifier		50560-2	Changeable Data
OM5.2[20].5	Alternate Text		pH of Urine by Automated test strip	Changeable Data
OM5.2[20].6	Name of Alternate Coding System		LN	Changeable Data
OM5.2[20].7	Coding System Version ID		20130421	Changeable Data
OM5.2[20].8	Alternate Coding System Version ID		2.42	Changeable Data
OM5.2[21]	Test/Observations Included Within an Ordered Test Battery			
OM5.2[21].1	Identifier		338	Changeable Data
OM5.2[21].2	Text		Protein, urine	Changeable Data
OM5.2[21].3	Name of Coding System		99USL	Changeable Data
OM5.2[21].4	Alternate Identifier		50561-0	Changeable Data
OM5.2[21].5	Alternate Text		Protein [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[21].6	Name of Alternate Coding System		LN	Changeable Data
OM5.2[21].7	Coding System Version ID		20130421	Changeable Data
OM5.2[21].8	Alternate Coding System Version ID		2.42	Changeable Data
OM5.2[22]	Test/Observations Included Within an Ordered Test Battery			
OM5.2[22].1	Identifier		340	Changeable Data
OM5.2[22].2	Text		Urobilinogen	Changeable Data
OM5.2[22].3	Name of Coding System		99USL	Changeable Data
OM5.2[22].4	Alternate Identifier		50563-6	Changeable Data
OM5.2[22].5	Alternate Text		Urobilinogen [Mass/volume] in Urine by Automated test strip	Changeable Data
OM5.2[22].6	Name of Alternate Coding System		LN	Changeable Data
OM5.2[22].7	Coding System Version ID		20130421	Changeable Data
OM5.2[22].8	Alternate Coding System Version ID		2.42	Changeable Data
OM5.2[23]	Test/Observations Included Within an Ordered Test Battery			
OM5.2[23].1	Identifier		342	Changeable Data
OM5.2[23].2	Text		Urine specific gravity	Changeable Data
OM5.2[23].3	Name of Coding System		99USL	Changeable Data
OM5.2[23].4	Alternate Identifier		53326-5	Changeable Data
OM5.2[23].5	Alternate Text		Specific gravity of Urine by Automated test strip	Changeable Data
OM5.2[23].6	Name of Alternate Coding System		LN	Changeable Data
OM5.2[23].7	Coding System Version ID		20130421	Changeable Data
OM5.2[23].8	Alternate Coding System Version ID		2.42	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	2	IG Fixed Data
OM4.3	Container Description	Sterile, plastic, leak proof container	Changeable Data
OM4.4	Container Volume	4	Changeable Data
OM4.5	Container Units		
OM4.5.1	Identifier	[foz_us]	Changeable Data
OM4.5.2	Text	fluid ounce (US)	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	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

Location	Data Element	Data	Categorization
OM4.6.6	Name of Alternate Coding System	99USL	Changeable Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Random urine	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
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
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
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
<b>OM4.12</b>	<b>Specimen Requirements</b>	Keep refrigerated	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

#### MFE

Location	Data Element	Data	Categorization
<b>MFE.1</b>	<b>Record-Level Event Code</b>	MAD	Test Case Fixed Data
<b>MFE.3</b>	<b>Effective Date/Time</b>		
MFE.3.1	Time	20131219145310	System Generated
<b>MFE.4</b>	<b>Primary Key Value - MFE</b>		
MFE.4.1	Identifier	200	Changeable Data
MFE.4.2	Text	CBC_diff	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### OM1

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	3	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	200	Changeable Data
OM1.2.2	Text	CBC_diff	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
<b>OM1.4</b>	<b>Specimen Required</b>	Y	Changeable Data
<b>OM1.5</b>	<b>Producer ID</b>		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
<b>OM1.7</b>	<b>Other Service/Test/Observation IDs for the Observation</b>		



Location	Identifier	Data Element	57021-8	Data	Test Case Fixed Data	Categorization
OM1.7.1						
OM1.7.2		Text		CBC W Auto Differential panel in Blood		Changeable Data
OM1.7.3		Name of Coding System		LN		Test Case Fixed Data
OM1.7.7		Coding System Version ID		2.44		Changeable Data
OM1.9		Preferred Report Name for the Observation		Complete Blood Count		Changeable Data
OM1.12		Orderability		Y		Test Case Fixed Data
OM1.18		Nature of Service/Test/Observation		P		Test Case Fixed Data
OM1.32		Interpretation of Observations		A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram.		Changeable Data
OM1.39		Factors that may Affect the Observation		Insufficient specimen, Improper labeling., improper tube, clotted specimen, hemolyzed sample, dilution of blood.		Changeable Data
OM1.40		Service/Test/Observation Performance Schedule		Daily		Changeable Data
OM1.48		Exclusive Test		N		Changeable Data
OM1.49		Diagnostic Service Sector ID		LAB		Changeable Data
OM1.53		Prior Results Instructions		Send prior results for CBC in past 60 days		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

#### OM5

Location	Identifier	Data Element	Data	Categorization
OM5.1		Sequence Number - Test/Observation Master File	3	IG Fixed Data
OM5.2		Test/Observations Included Within an Ordered Test Battery		
OM5.2.1		Identifier	202	Changeable Data
OM5.2.2		Text	Erythrocytes, blood	Changeable Data
OM5.2.3		Name of Coding System	99USL	Changeable Data
OM5.2.4		Alternate Identifier	26453-1	Changeable Data
OM5.2.5		Alternate Text	Erythrocytes [# /volume] in Blood	Changeable Data
OM5.2.6		Name of Alternate Coding System	LN	Changeable Data
OM5.2.7		Coding System Version ID	20130421	Changeable Data
OM5.2.8		Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[2]		Test/Observations Included Within an Ordered Test Battery		
OM5.2[2].1		Identifier	256	Changeable Data
OM5.2[2].2		Text	Hemoglobin (Hb)	Changeable Data
OM5.2[2].3		Name of Coding System	99USL	Changeable Data
OM5.2[2].4		Alternate Identifier	718-7	Changeable Data
OM5.2[2].5		Alternate Text	Hemoglobin [Mass/volume] in Blood	Changeable Data
OM5.2[2].6		Name of Alternate Coding System	LN	Changeable Data
OM5.2[2].7		Coding System Version ID	20130421	Changeable Data
OM5.2[2].8		Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[3]		Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1		Identifier	204	Changeable Data
OM5.2[3].2		Text	Hematocrit	Changeable Data
OM5.2[3].3		Name of Coding System	99USL	Changeable Data
OM5.2[3].4		Alternate Identifier	20570-8	Changeable Data
OM5.2[3].5		Alternate Text	Hematocrit [Volume Fraction] of Blood	Changeable Data

OM5.2[3].6 Location	Name of Alternate Coding System Data Element	LN Data	Changeable Data Categorization
OM5.2[3].7	Coding System Version ID	20130421	Changeable Data
OM5.2[3].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[4].1	Identifier	206	Changeable Data
OM5.2[4].2	Text	Leukocytes, blood	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	26464-8	Changeable Data
OM5.2[4].5	Alternate Text	Leukocytes [#/volume] in Blood	Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[4].7	Coding System Version ID	20130421	Changeable Data
OM5.2[4].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[5].1	Identifier	208	Changeable Data
OM5.2[5].2	Text	Platelets	Changeable Data
OM5.2[5].3	Name of Coding System	99USL	Changeable Data
OM5.2[5].4	Alternate Identifier	26515-7	Changeable Data
OM5.2[5].5	Alternate Text	Platelets [#/volume] in Blood	Changeable Data
OM5.2[5].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[5].7	Coding System Version ID	20130421	Changeable Data
OM5.2[5].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[6].1	Identifier	210	Changeable Data
OM5.2[6].2	Text	Mean corpuscular volume (MCV)	Changeable Data
OM5.2[6].3	Name of Coding System	99USL	Changeable Data
OM5.2[6].4	Alternate Identifier	30428-7	Changeable Data
OM5.2[6].5	Alternate Text	Erythrocyte mean corpuscular volume [Entitic volume]	Changeable Data
OM5.2[6].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[6].7	Coding System Version ID	20130421	Changeable Data
OM5.2[6].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[7]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[7].1	Identifier	212	Changeable Data
OM5.2[7].2	Text	Mean corpuscular hemoglobin (MCH)	Changeable Data
OM5.2[7].3	Name of Coding System	99USL	Changeable Data
OM5.2[7].4	Alternate Identifier	28539-5	Changeable Data
OM5.2[7].5	Alternate Text	Erythrocyte mean corpuscular hemoglobin [Entitic mass]	Changeable Data
OM5.2[7].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[7].7	Coding System Version ID	20130421	Changeable Data
OM5.2[7].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[8]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[8].1	Identifier	214	Changeable Data
OM5.2[8].2	Text	Mean corpuscular hemoglobin Concentration (MCHC)	Changeable Data
OM5.2[8].3	Name of Coding System	99USL	Changeable Data
OM5.2[8].4	Alternate Identifier	28540-3	Changeable Data
OM5.2[8].5	Alternate Text	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	Changeable Data
OM5.2[8].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[8].7	Coding System Version ID	20130421	Changeable Data
OM5.2[8].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[9]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		

OM5.2[9].1 Location	Identifier Data Element	216 Data	Changeable Data Categorization
OM5.2[9].2	Text	Red blood cell distribution width (RDW )	Changeable Data
OM5.2[9].3	Name of Coding System	99USL	Changeable Data
OM5.2[9].4	Alternate Identifier	30385-9	Changeable Data
OM5.2[9].5	Alternate Text	Erythrocyte distribution width [Ratio]	Changeable Data
OM5.2[9].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[9].7	Coding System Version ID	20130421	Changeable Data
OM5.2[9].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[10]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[10].1	Identifier	218	Changeable Data
OM5.2[10].2	Text	Basophils	Changeable Data
OM5.2[10].3	Name of Coding System	99USL	Changeable Data
OM5.2[10].4	Alternate Identifier	26444-0	Changeable Data
OM5.2[10].5	Alternate Text	Basophils [# /volume] in Blood	Changeable Data
OM5.2[10].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[10].7	Coding System Version ID	20130421	Changeable Data
OM5.2[10].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[11]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[11].1	Identifier	220	Changeable Data
OM5.2[11].2	Text	% Basophils	Changeable Data
OM5.2[11].3	Name of Coding System	99USL	Changeable Data
OM5.2[11].4	Alternate Identifier	30180-4	Changeable Data
OM5.2[11].5	Alternate Text	Basophils/100 leukocytes in Blood	Changeable Data
OM5.2[11].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[11].7	Coding System Version ID	20130421	Changeable Data
OM5.2[11].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[12]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[12].1	Identifier	222	Changeable Data
OM5.2[12].2	Text	Monocytes	Changeable Data
OM5.2[12].3	Name of Coding System	99USL	Changeable Data
OM5.2[12].4	Alternate Identifier	26484-6	Changeable Data
OM5.2[12].5	Alternate Text	Monocytes [# /volume] in Blood	Changeable Data
OM5.2[12].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[12].7	Coding System Version ID	20130421	Changeable Data
OM5.2[12].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[13]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[13].1	Identifier	224	Changeable Data
OM5.2[13].2	Text	% Monocytes	Changeable Data
OM5.2[13].3	Name of Coding System	99USL	Changeable Data
OM5.2[13].4	Alternate Identifier	26485-3	Changeable Data
OM5.2[13].5	Alternate Text	Monocytes/100 leukocytes in Blood	Changeable Data
OM5.2[13].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[13].7	Coding System Version ID	20130421	Changeable Data
OM5.2[13].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[14]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[14].1	Identifier	226	Changeable Data
OM5.2[14].2	Text	Eosinophils	Changeable Data
OM5.2[14].3	Name of Coding System	99USL	Changeable Data
OM5.2[14].4	Alternate Identifier	26449-9	Changeable Data
OM5.2[14].5	Alternate Text	Eosinophils [# /volume] in Blood	Changeable Data
OM5.2[14].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[14].7	Coding System Version ID	20130421	Changeable Data

OM5.2[14].8 Location	Alternate Coding System Version ID Test/Observations Included Within an	2.42 Data	Changeable Data Categorization
<b>OM5.2[15]</b>	<b>Ordered Test Battery</b>		
OM5.2[15].1	Identifier	228	Changeable Data
OM5.2[15].2	Text	% Eosinophils	Changeable Data
OM5.2[15].3	Name of Coding System	99USL	Changeable Data
OM5.2[15].4	Alternate Identifier	26450-7	Changeable Data
OM5.2[15].5	Alternate Text	Eosinophils/100 leukocytes in Blood	Changeable Data
OM5.2[15].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[15].7	Coding System Version ID	20130421	Changeable Data
OM5.2[15].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[16]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[16].1	Identifier	230	Changeable Data
OM5.2[16].2	Text	Lymphocytes	Changeable Data
OM5.2[16].3	Name of Coding System	99USL	Changeable Data
OM5.2[16].4	Alternate Identifier	26474-7	Changeable Data
OM5.2[16].5	Alternate Text	Lymphocytes [# /volume] in Blood	Changeable Data
OM5.2[16].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[16].7	Coding System Version ID	20130421	Changeable Data
OM5.2[16].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[17]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[17].1	Identifier	232	Changeable Data
OM5.2[17].2	Text	% Lymphocytes	Changeable Data
OM5.2[17].3	Name of Coding System	99USL	Changeable Data
OM5.2[17].4	Alternate Identifier	26478-8	Changeable Data
OM5.2[17].5	Alternate Text	Lymphocytes/100 leukocytes in Blood	Changeable Data
OM5.2[17].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[17].7	Coding System Version ID	20130421	Changeable Data
OM5.2[17].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[18]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[18].1	Identifier	234	Changeable Data
OM5.2[18].2	Text	Neutrophils	Changeable Data
OM5.2[18].3	Name of Coding System	99USL	Changeable Data
OM5.2[18].4	Alternate Identifier	26499-4	Changeable Data
OM5.2[18].5	Alternate Text	Neutrophils [# /volume] in Blood	Changeable Data
OM5.2[18].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[18].7	Coding System Version ID	20130421	Changeable Data
OM5.2[18].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[19]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[19].1	Identifier	236	Changeable Data
OM5.2[19].2	Text	% Neutrophils	Changeable Data
OM5.2[19].3	Name of Coding System	99USL	Changeable Data
OM5.2[19].7	Coding System Version ID	20130421	Changeable Data
<b>OM5.2[20]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[20].1	Identifier	238	Changeable Data
OM5.2[20].2	Text	Anisocytosis	Changeable Data
OM5.2[20].3	Name of Coding System	99USL	Changeable Data
OM5.2[20].4	Alternate Identifier	38892-6	Changeable Data
OM5.2[20].5	Alternate Text	Anisocytosis [Presence] in Blood	Changeable Data
OM5.2[20].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[20].7	Coding System Version ID	20130421	Changeable Data
OM5.2[20].8	Alternate Coding System Version ID	2.42	Changeable Data
<b>OM5.2[21]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		

Location	Identifier	Data Element	240	Data	Changeable Data	Categorization
OM5.2[21].2	Text			Hypochromia		Changeable Data
OM5.2[21].3	Name of Coding System			99USL		Changeable Data
OM5.2[21].4	Alternate Identifier			30400-6		Changeable Data
OM5.2[21].5	Alternate Text			Hypochromia [Presence] in Blood		Changeable Data
OM5.2[21].6	Name of Alternate Coding System			LN		Changeable Data
OM5.2[21].7	Coding System Version ID			20130421		Changeable Data
OM5.2[21].8	Alternate Coding System Version ID			2.42		Changeable Data
<b>OM5.2[22]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[22].1	Identifier			242		Changeable Data
OM5.2[22].2	Text			Macrocytosis		Changeable Data
OM5.2[22].3	Name of Coding System			99USL		Changeable Data
OM5.2[22].4	Alternate Identifier			30424-6		Changeable Data
OM5.2[22].5	Alternate Text			Macrocytes [Presence] in Blood		Changeable Data
OM5.2[22].6	Name of Alternate Coding System			LN		Changeable Data
OM5.2[22].7	Coding System Version ID			20130421		Changeable Data
OM5.2[22].8	Alternate Coding System Version ID			2.42		Changeable Data
<b>OM5.2[23]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[23].1	Identifier			244		Changeable Data
OM5.2[23].2	Text			Microcytosis		Changeable Data
OM5.2[23].3	Name of Coding System			99USL		Changeable Data
OM5.2[23].4	Alternate Identifier			30434-5		Changeable Data
OM5.2[23].5	Alternate Text			Microcytes [Presence] in Blood		Changeable Data
OM5.2[23].6	Name of Alternate Coding System			LN		Changeable Data
OM5.2[23].7	Coding System Version ID			20130421		Changeable Data
OM5.2[23].8	Alternate Coding System Version ID			2.42		Changeable Data
<b>OM5.2[24]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[24].1	Identifier			246		Changeable Data
OM5.2[24].2	Text			Poikilocytosis		Changeable Data
OM5.2[24].3	Name of Coding System			99USL		Changeable Data
OM5.2[24].7	Coding System Version ID			20130421		Changeable Data
<b>OM5.2[25]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[25].1	Identifier			248		Changeable Data
OM5.2[25].2	Text			Polychromasia		Changeable Data
OM5.2[25].3	Name of Coding System			99USL		Changeable Data
OM5.2[25].4	Alternate Identifier			10378-8		Changeable Data
OM5.2[25].5	Alternate Text			Polychromasia [Presence] in Blood by Light microscopy		Changeable Data
OM5.2[25].6	Name of Alternate Coding System			LN		Changeable Data
OM5.2[25].7	Coding System Version ID			20130421		Changeable Data
OM5.2[25].8	Alternate Coding System Version ID			2.42		Changeable Data
<b>OM5.2[26]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[26].1	Identifier			250		Changeable Data
OM5.2[26].2	Text			RBC morphology		Changeable Data
OM5.2[26].3	Name of Coding System			99USL		Changeable Data
OM5.2[26].4	Alternate Identifier			6742-1		Changeable Data
OM5.2[26].5	Alternate Text			Erythrocyte morphology finding [Identifier] in Blood		Changeable Data
OM5.2[26].6	Name of Alternate Coding System			LN		Changeable Data
OM5.2[26].7	Coding System Version ID			20130421		Changeable Data
OM5.2[26].8	Alternate Coding System Version ID			2.42		Changeable Data
<b>OM5.2[27]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					



Location	Ordered Test Battery Identifier	Data Element	252	Data	Changeable Data	Categorization
OM5.2[27].2		Text		WBC morphology		Changeable Data
OM5.2[27].3		Name of Coding System		99USL		Changeable Data
OM5.2[27].4		Alternate Identifier		11156-7		Changeable Data
OM5.2[27].5		Alternate Text		Leukocyte morphology finding [Identifier] in Blood		Changeable Data
OM5.2[27].6		Name of Alternate Coding System		LN		Changeable Data
OM5.2[27].7		Coding System Version ID		20130421		Changeable Data
OM5.2[27].8		Alternate Coding System Version ID		2.42		Changeable Data
<b>OM5.2[28]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>					
OM5.2[28].1		Identifier		254		Changeable Data
OM5.2[28].2		Text		Platelet morphology		Changeable Data
OM5.2[28].3		Name of Coding System		99USL		Changeable Data
OM5.2[28].4		Alternate Identifier		11125-2		Changeable Data
OM5.2[28].5		Alternate Text		Platelet morphology finding [Identifier] in Blood		Changeable Data
OM5.2[28].6		Name of Alternate Coding System		LN		Changeable Data
OM5.2[28].7		Coding System Version ID		20130421		Changeable Data
OM5.2[28].8		Alternate Coding System Version ID		2.42		Changeable Data

#### OM4

Location	Data Element		Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>		3	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>		Lavender Top (EDTA) tube	Changeable Data
<b>OM4.3[2]</b>	<b>Container Description</b>		Pink Top (K2EDTA) tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>		3.0	Changeable Data
<b>OM4.4[2]</b>	<b>Container Volume</b>		3.0	Changeable Data
<b>OM4.5</b>	<b>Container Units</b>			
OM4.5.1	Identifier		mL	Changeable Data
OM4.5.2	Text		milliliters	Changeable Data
OM4.5.3	Name of Coding System		UCUM	Changeable Data
OM4.5.7	Coding System Version ID		1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>			
OM4.5[2].1	Identifier		mL	Changeable Data
OM4.5[2].2	Text		milliliters	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
<b>OM4.6</b>	<b>Specimen</b>			
OM4.6.1	Identifier		119297000	Test Case Fixed Data
OM4.6.2	Text		Blood sample	Changeable Data
OM4.6.3	Name of Coding System		SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier		WBLD	Changeable Data
OM4.6.5	Alternate Text		Whole blood	Changeable Data
OM4.6.6	Name of Alternate Coding System		99USL	Changeable Data
OM4.6.7	Coding System Version ID		201509-US Ed	Changeable Data
OM4.6.8	Alternate Coding System Version ID		2014	Changeable Data
OM4.6.9	Original Text		Whole blood	Changeable Data
<b>OM4.7</b>	<b>Additive</b>			
OM4.7.1	Identifier		EDTK	Changeable Data
OM4.7.2	Text		Potassium/K EDTA	Changeable Data
OM4.7.3	Name of Coding System		HL70371	Changeable Data
OM4.7.7	Coding System Version ID		2.5.1	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>			
OM4.10.1	Quantity		3	Changeable Data
OM4.10.2	Units			



Location	Data Element	Data	Categorization
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliters	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
OM4.11.1	Quantity	0.5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliters	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>	Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	CREF	Changeable Data
OM4.15.2	Text	Critical refrigerated	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

#### MFE

Location	Data Element	Data	Categorization
<b>MFE.1</b>	<b>Record-Level Event Code</b>	MAD	Test Case Fixed Data
<b>MFE.3</b>	<b>Effective Date/Time</b>		
MFE.3.1	Time	20131219145310	System Generated
<b>MFE.4</b>	<b>Primary Key Value - MFE</b>		
MFE.4.1	Identifier	800	Changeable Data
MFE.4.2	Text	GHP	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### OM1

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	4	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	800	Changeable Data
OM1.2.2	Text	GHP	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
<b>OM1.4</b>	<b>Specimen Required</b>	Y	Changeable Data
<b>OM1.5</b>	<b>Producer ID</b>		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
<b>OM1.9</b>	<b>Preferred Report Name for the Observation</b>	General Health Profile	Changeable Data
<b>OM1.12</b>	<b>Orderability</b>	Y	Test Case Fixed Data
<b>OM1.18</b>	<b>Nature of Service/Test/Observation</b>	S	Test Case Fixed Data
		This blood test is used to determine general health status and to screen for and monitor	

Location	Data Element	Data	Categorization
OM1.37	Interpretation of Observations	a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4).	Changeable Data
OM1.37	Patient Preparation	Patient fasting required for 12 hours.	Changeable Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Gross hemolysis, Improper labeling...	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.1	Identifier	d	Changeable Data
OM1.57.2.2	Text	day	Changeable Data
OM1.57.2.3	Name of Coding System	UCUM	Changeable Data
OM1.57.2.7	Coding System Version ID	1.8	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	4	IG Fixed Data
OM5.2	Test/Observations Included Within an Ordered Test Battery		
OM5.2.1	Identifier	100	Changeable Data
OM5.2.2	Text	CMP	Changeable Data
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	24323-8	Changeable Data
OM5.2.5	Alternate Text	Comprehensive metabolic 2000 panel - Serum or Plasma	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
OM5.2.8	Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[2]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[2].1	Identifier	200	Changeable Data
OM5.2[2].2	Text	CBC_diff	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	57021-8	Changeable Data
OM5.2[2].5	Alternate Text	CBC W Auto Differential panel in Blood	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[2].8	Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[3]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1	Identifier	700	Changeable Data
OM5.2[3].2	Text	TSH	Changeable Data
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	3016-3	Changeable Data
OM5.2[3].5	Alternate Text	Thyrotropin [Units/volume] in Serum or Plasma	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[3].8	Alternate Coding System Version ID	2.42	Changeable Data
OM5.2[4]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[4].1	Identifier	300	Changeable Data
OM5.2[4].2	Text	Comprehensive Urinalysis	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	50564-4	Changeable Data
OM5.2[4].5	Alternate Text	Urinalysis panel - Urine by Auto	Changeable Data

Location	Data Element	Data	Categorization
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[4].8	Alternate Coding System Version ID	2.42	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	4.1	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Gold Serum Separator tube	Changeable Data
<b>OM4.3[2]</b>	<b>Container Description</b>	Red, No Additive tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.4[2]</b>	<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.5</b>	<b>Container Units</b>		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliter	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	milliliter	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
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	119364003	Test Case Fixed Data
OM4.6.2	Text	Serum specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
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
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
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
<b>OM4.12</b>	<b>Specimen Requirements</b>	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
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	4.2	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Lavender Top (EDTA) tube	Changeable Data
<b>OM4.3[2]</b>	<b>Container Description</b>	Pink Top (K2EDTA) tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	3.0	Changeable Data
<b>OM4.4[2]</b>	<b>Container Volume</b>	3.0	Changeable Data

OM4.5 Location	Container Units	Data Element	Data	Categorization
OM4.5.1	Identifier		mL	Changeable Data
OM4.5.2	Text		milliliters	Changeable Data
OM4.5.3	Name of Coding System		UCUM	Changeable Data
OM4.5.7	Coding System Version ID		1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>			
OM4.5[2].1	Identifier		mL	Changeable Data
OM4.5[2].2	Text		milliliters	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
<b>OM4.6</b>	<b>Specimen</b>			
OM4.6.1	Identifier		119297000	Test Case Fixed Data
OM4.6.2	Text		Blood sample	Changeable Data
OM4.6.3	Name of Coding System		SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier		WBLD	Changeable Data
OM4.6.5	Alternate Text		Whole blood	Changeable Data
OM4.6.6	Name of Alternate Coding System		99USL	Changeable Data
OM4.6.7	Coding System Version ID		201509-US Ed	Changeable Data
OM4.6.8	Alternate Coding System Version ID		2014	Changeable Data
OM4.6.9	Original Text		Whole blood	Changeable Data
<b>OM4.7</b>	<b>Additive</b>			
OM4.7.1	Identifier		EDTK	Changeable Data
OM4.7.2	Text		Potassium/K EDTA	Changeable Data
OM4.7.3	Name of Coding System		HL70371	Changeable Data
OM4.7.7	Coding System Version ID		2.5.1	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>			
OM4.10.1	Quantity		3	Changeable Data
OM4.10.2	Units			
OM4.10.2.1	Identifier		mL	Changeable Data
OM4.10.2.2	Text		milliliters	Changeable Data
OM4.10.2.3	Name of Coding System		UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID		1.8	Changeable Data
<b>OM4.11</b>	<b>Minimum Collection Volume</b>			
OM4.11.1	Quantity		0.5	Changeable Data
OM4.11.2	Units			
OM4.11.2.1	Identifier		mL	Changeable Data
OM4.11.2.2	Text		milliliters	Changeable Data
OM4.11.2.3	Name of Coding System		UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID		1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>		Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>			
OM4.15.1	Identifier		CREF	Changeable Data
OM4.15.2	Text		Critical refrigerated	Changeable Data
OM4.15.3	Name of Coding System		HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID		2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>		P	Test Case Fixed Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	4.3	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Sterile, plastic, leak proof container	Changeable Data

Location	Container Volume	Data Element	4	Data	Changeable Data	Categorization
OM4.5	Container Units					
OM4.5.1	Identifier			[foz_us]		Changeable Data
OM4.5.2	Text			fluid ounce (US)		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			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			99USL		Changeable Data
OM4.6.7	Coding System Version ID			201509-US Ed		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	Specimen Handling Code					
OM4.15.1	Identifier			REF		Changeable Data
OM4.15.2	Text			Refrigerated temperature		Changeable Data
OM4.15.3	Name of Coding System			HL70376		IG Fixed Data
OM4.15.7	Coding System Version ID			2.5.1		Changeable Data
OM4.16	Specimen Preference			P		Test Case Fixed Data

#### MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	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	1000	Changeable Data
MFE.4.2	Text	Hepatitis A B C Panel_ With Reflex	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	5	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1000	Changeable Data

Location	Data Element	Data	Categorization
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
OM1.9	Preferred Report Name for the Observation	Hepatitis A B C Panel_ With Reflex	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	P	Test Case Fixed Data
OM1.34	Reflex Tests/Observations		
OM1.34.1	Identifier	1010	Test Case Fixed Data
OM1.34.2	Text	Hepatitis C RNA PCR	Test Case Fixed Data
OM1.34.3	Name of Coding System	99USL	Test Case Fixed Data
OM1.34.4	Alternate Identifier	11011-4	Test Case Fixed Data
OM1.34.5	Alternate Text	Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method	Test Case Fixed Data
OM1.34.6	Name of Alternate Coding System	LN	Test Case Fixed Data
OM1.35	Rules that Trigger Reflex Testing	Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing.	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triolein level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter - Cadaveric specimen	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	5	IG Fixed Data
OM5.2	Test/Observations Included Within an Ordered Test Battery		
OM5.2.1	Identifier	1001	Changeable Data
OM5.2.2	Text	Hepatitis A IgM antibodies (IgM anti-HAV)	Changeable Data
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	22314-9	Changeable Data
OM5.2.5	Alternate Text	Hepatitis A virus IgM Ab [Presence] in Serum	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[2]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[2].1	Identifier	1002	Changeable Data
OM5.2[2].2	Text	Hepatitis A antibodies (anti-HAV)	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	20575-7	Changeable Data
OM5.2[2].5	Alternate Text	Hepatitis A virus Ab [Presence] in Serum	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[3]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1	Identifier	1003	Changeable Data



OM5.2[3].2 Location	Data Element	Hepatitis B core antibodies (anti-HBVe)	Changeable Data Categorization
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	16933-4	Changeable Data
OM5.2[3].5	Alternate Text	Hepatitis B virus core Ab [Presence] in Serum	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[4].1	Identifier	1004	Changeable Data
OM5.2[4].2	Text	Hepatitis B core antibodies (anti-HBVe) Quant	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	22316-4	Changeable Data
OM5.2[4].5	Alternate Text	Hepatitis B virus core Ab [Units/volume] in Serum	Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[5].1	Identifier	1005	Changeable Data
OM5.2[5].2	Text	Hepatitis B e antibodies (anti-HBVe)	Changeable Data
OM5.2[5].3	Name of Coding System	99USL	Changeable Data
OM5.2[5].4	Alternate Identifier	22320-6	Changeable Data
OM5.2[5].5	Alternate Text	Hepatitis B virus e Ab [Presence] in Serum	Changeable Data
OM5.2[5].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[6].1	Identifier	1006	Changeable Data
OM5.2[6].2	Text	Hepatitis B surface antigen (HBsAg)	Changeable Data
OM5.2[6].3	Name of Coding System	99USL	Changeable Data
OM5.2[6].4	Alternate Identifier	5195-3	Changeable Data
OM5.2[6].5	Alternate Text	Hepatitis B virus surface Ag [Presence] in Serum	Changeable Data
OM5.2[6].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[7]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[7].1	Identifier	1007	Changeable Data
OM5.2[7].2	Text	Hepatitis B surface antibody (anti-HBVs)	Changeable Data
OM5.2[7].3	Name of Coding System	99USL	Changeable Data
OM5.2[7].4	Alternate Identifier	22322-2	Changeable Data
OM5.2[7].5	Alternate Text	Hepatitis B virus surface Ab [Presence] in Serum	Changeable Data
OM5.2[7].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[8]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[8].1	Identifier	1008	Changeable Data
OM5.2[8].2	Text	Hepatitis C antibody screen (anti-HCV)	Changeable Data
OM5.2[8].3	Name of Coding System	99USL	Changeable Data
OM5.2[8].4	Alternate Identifier	16128-1	Changeable Data
OM5.2[8].5	Alternate Text	Hepatitis C virus Ab [Presence] in Serum	Changeable Data
OM5.2[8].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[9]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[9].1	Identifier	1009	Changeable Data
OM5.2[9].2	Text	Hepatitis C antibodies Signal to Cut-off Ratio	Changeable Data
OM5.2[9].3	Name of Coding System	99USL	Changeable Data
OM5.2[9].4	Alternate Identifier	48159-8	Changeable Data
OM5.2[9].5	Alternate Text	Hepatitis C virus Ab Signal/Cutoff in Serum or Plasma by Immunoassay	Changeable Data

Location	Name of Alternate Coding System Test/Observations Included Within an	LN	Data	Changeable Data Categorization
OM5.2[10]	Ordered Test Battery			
OM5.2[10].1	Identifier	1010		Changeable Data
OM5.2[10].2	Text	Hepatitis C RNA PCR		Changeable Data
OM5.2[10].3	Name of Coding System	99USL		Changeable Data
OM5.2[10].4	Alternate Identifier	11011-4		Changeable Data
OM5.2[10].5	Alternate Text	Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method		Changeable Data
OM5.2[10].6	Name of Alternate Coding System	LN		Changeable Data

#### OM4

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	5	IG Fixed Data
OM4.3	Container Description	Gold Serum Separator tube	Changeable Data
OM4.4	Container Volume	5.0	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	201509-US Ed	Changeable Data
OM4.10	Normal Collection Volume		
OM4.10.1	Quantity	4	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	2.5	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	Spin down and remove serum from clot within 6 hours.	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	FRZ	Changeable Data
OM4.15.2	Text	Frozen	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed 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	1300	Changeable Data
MFE.4.2	Text	Arbovirus IgG and IgM Panel (DNG, WNV) in Serum	Changeable Data

Location	Data Element	Data	Categorization
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	1300	Changeable Data
OM1.2.2	Text	Arbovirus IgG and IgM Panel (DNG, WNV) in 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	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	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.9	Preferred Report Name for the Observation	Arbovirus Panel for Dengue, West Nile Virus	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	P	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	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
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	2	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	6	IG Fixed Data
OM5.2	Test/Observations Included Within an Ordered Test Battery		
OM5.2.1	Identifier	1301	Changeable Data
OM5.2.2	Text	Dengue Virus IgG Titer Serum	Changeable Data
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	6811-4	Test Case Fixed Data
OM5.2.5	Alternate Text	Dengue virus IgG Ab [Titer] in Serum	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[2]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[2].1	Identifier	1302	Changeable Data
OM5.2[2].2	Text	Dengue Virus IgM Titer Serum	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	6812-2	Test Case Fixed Data
OM5.2[2].5	Alternate Text	Dengue virus IgM Ab [Titer] in Serum	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[3]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1	Identifier	1303	Changeable Data

Location	Data Element	Data	Categorization
OM5.2[3].2	Text	WNV IgG Titer Serum	Changeable Data
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	33329-4	Changeable Data
OM5.2[3].5	Alternate Text	West Nile virus IgG Ab [Titer] in Serum	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[4].1	Identifier	1304	Changeable Data
OM5.2[4].2	Text	WNV Virus IgM Titer Serum	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	33331-0	Test Case Fixed Data
OM5.2[4].5	Alternate Text	West Nile virus IgM Ab [Titer] in Serum	Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	6	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Gold Serum Separator tube	Changeable Data
<b>OM4.3[2]</b>	<b>Container Description</b>	Red, No Additive tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.4[2]</b>	<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.5</b>	<b>Container Units</b>		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliter	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	milliliter	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
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	119364003	Test Case Fixed Data
OM4.6.2	Text	Serum specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
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
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
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
<b>OM4.12</b>	<b>Specimen Requirements</b>	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
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data

OM1.15.7	Coding System Version ID	2.5.1	Changeable Data
Location	Data Element	Data	Categorization
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	1200	Changeable Data
MFE.4.2	Text	Creatinine Clearance	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	7	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1200	Changeable Data
OM1.2.2	Text	Creatinine Clearance	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	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	34555-3	Test Case Fixed Data
OM1.7.2	Text	Creatinine 24H renal clearance panel	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Creatinine Clearance	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	P	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	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
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	1	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

#### OM5

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	7	IG Fixed Data
OM5.2	Test/Observations Included Within an Ordered Test Battery		
OM5.2.1	Identifier	1904	Changeable Data
OM5.2.2	Text	Urine Volume of 24 hour collection	Changeable Data

Location	Data Element	Data	Categorization
OM5.2.3	Name of Coding System	99USL	Changeable Data
OM5.2.4	Alternate Identifier	3167-4	Test Case Fixed Data
OM5.2.5	Alternate Text	Volume of 24 hour Urine	Changeable Data
OM5.2.6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[2]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[2].1	Identifier	1201	Changeable Data
OM5.2[2].2	Text	Creatinine Clearance in 24 hours	Changeable Data
OM5.2[2].3	Name of Coding System	99USL	Changeable Data
OM5.2[2].4	Alternate Identifier	2164-2	Test Case Fixed Data
OM5.2[2].5	Alternate Text	Creatinine renal clearance in 24 hour	Changeable Data
OM5.2[2].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	102	Changeable Data
OM5.2[3].2	Text	Creatinine	Changeable Data
OM5.2[3].3	Name of Coding System	99USL	Changeable Data
OM5.2[3].4	Alternate Identifier	2160-0	Changeable Data
OM5.2[3].5	Alternate Text	Creatinine [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[3].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[4].1	Identifier	110	Changeable Data
OM5.2[4].2	Text	GFR, calculated	Changeable Data
OM5.2[4].3	Name of Coding System	99USL	Changeable Data
OM5.2[4].4	Alternate Identifier	33914-3	Test Case Fixed Data
OM5.2[4].5	Alternate Text	Glomerular filtration rate/1.73 sq M, predicted by Creatinine-based formula (MDRD)	Changeable Data
OM5.2[4].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[5].1	Identifier	1202	Changeable Data
OM5.2[5].2	Text	Creatinine in 24 hr Urine	Changeable Data
OM5.2[5].3	Name of Coding System	99USL	Changeable Data
OM5.2[5].4	Alternate Identifier	20624-3	Test Case Fixed Data
OM5.2[5].5	Alternate Text	Creatinine [Mass/volume] in 24 hour Urine	Changeable Data
OM5.2[5].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[6].1	Identifier	1906	Changeable Data
OM5.2[6].2	Text	What is the Clinically Relevant Race?	Changeable Data
OM5.2[6].3	Name of Coding System	99USL	Changeable Data
OM5.2[6].4	Alternate Identifier	32624-9	Test Case Fixed Data
OM5.2[6].5	Alternate Text	Race	Changeable Data
OM5.2[6].6	Name of Alternate Coding System	LN	Changeable Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	7.1	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Sterile, plastic, leak proof container	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	2000	Changeable Data
<b>OM4.5</b>	<b>Container Units</b>		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliter	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data



Location	Specimen Data Element	Data	Categorization
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	24HrUR	Changeable Data
OM4.6.5	Alternate Text	24 hour urine	Changeable Data
OM4.6.6	Name of Alternate Coding System	99USL	Changeable Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	24 hour urine	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
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
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
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
<b>OM4.12</b>	<b>Specimen Requirements</b>	Keep refrigerated	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated temperature	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

#### OM4

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	7.2	IG Fixed Data
<b>OM4.3</b>	<b>Container Description</b>	Lavender Top (EDTA) tube	Changeable Data
<b>OM4.3[2]</b>	<b>Container Description</b>	Pink Top (K2EDTA) tube	Changeable Data
<b>OM4.4</b>	<b>Container Volume</b>	3.0	Changeable Data
<b>OM4.4[2]</b>	<b>Container Volume</b>	3.0	Changeable Data
<b>OM4.5</b>	<b>Container Units</b>		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliters	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	milliliters	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
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	119297000	Test Case Fixed Data
OM4.6.2	Text	Blood sample	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier	WBLD	Changeable Data
OM4.6.5	Alternate Text	Whole blood	Changeable Data
OM4.6.6	Name of Alternate Coding System	99USL	Changeable Data

Location	Data Element	Data	Categorization
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Whole blood	Changeable Data
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.1	Identifier	EDTK	Changeable Data
OM4.7.2	Text	Potassium/K EDTA	Changeable Data
OM4.7.3	Name of Coding System	HL70371	Changeable Data
OM4.7.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	3	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliters	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
OM4.11.1	Quantity	0.5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliters	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.12</b>	<b>Specimen Requirements</b>	Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.	Changeable Data
<b>OM4.15</b>	<b>Specimen Handling Code</b>		
OM4.15.1	Identifier	CREF	Changeable Data
OM4.15.2	Text	Critical refrigerated	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.15.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

Element	Data
Identifier	OMC
Event code	REP

Panel/Test battery Information - CMP  
Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	CMP
Test/Panel identifier (code system)	100 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Comprehensive metabolic 2000 panel - Serum or Plasma
Test/Panel other identifier (code system)	24323-8 (LN)
Preferred Short Name	CMP
Is the test/panel orderable ?	Y
Nature	P
Interpretation	Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function.
Patient preparation	Patient fasting required for 12 hours.
Factors that may affect the test	Insufficient specimen, Gross hemolysis, Improper labeling.
Schedule	Daily
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Test alias	CMP
Expected turn around time	1 day

Panel/Test battery Details

Element	Data
Test included in panel/test battery	Serum Glucose
Test included in panel/test battery (code & code system)	104 (99USL)
Test included in panel/test battery	Blood Urea Nitrogen (BUN)
Test included in panel/test battery (code & code system)	106 (99USL)
Test included in panel/test battery	Creatinine
Test included in panel/test battery (code & code system)	102 (99USL)
Test included in panel/test battery	BUN/Creatinine Ratio
Test included in panel/test battery (code & code system)	108 (99USL)
Test included in panel/test battery	GFR, calculated
Test included in panel/test battery (code & code system)	110 (99USL)
Test included in panel/test battery	Calcium
Test included in panel/test battery (code & code system)	112 (99USL)
Test included in panel/test battery	Total protein, serum
Test included in panel/test battery (code & code system)	114 (99USL)
Test included in panel/test battery	Albumin
Test included in panel/test battery (code & code system)	116 (99USL)
Test included in panel/test battery	Globulin
Test included in panel/test battery (code & code system)	118 (99USL)
Test included in panel/test battery	Albumin/globulin ratio
Test included in panel/test battery (code & code system)	120 (99USL)
Test included in panel/test battery	Total bilirubin, serum
Test included in panel/test battery (code & code system)	122 (99USL)

Test included in panel/test battery	Alkaline phosphatase (ALP)
Test included in panel/test battery (code & code system)	124 (99USL)
Test included in panel/test battery	Alanine aminotransferase (ALT)
Test included in panel/test battery (code & code system)	126 (99USL)
Test included in panel/test battery	Aspartate aminotransferase (ASP)
Test included in panel/test battery (code & code system)	128 (99USL)
Test included in panel/test battery	Sodium, serum
Test included in panel/test battery (code & code system)	130 (99USL)
Test included in panel/test battery	Potassium, serum
Test included in panel/test battery (code & code system)	132 (99USL)
Test included in panel/test battery	Chloride, serum
Test included in panel/test battery (code & code system)	134 (99USL)
Test included in panel/test battery	Carbon dioxide, serum
Test included in panel/test battery (code & code system)	136 (99USL)
Test included in panel/test battery	Anion gap
Test included in panel/test battery (code & code system)	138 (99USL)

#### Specimen information details

Element	Data
Sequence ID	1
Container description	Gold Serum Separator tube
Container description	Red, No Additive tube
Container volume	5.0
Container volume	5.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	1
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
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 Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

#### Panel/Test battery Information - Comprehensive Urinalysis

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Comprehensive Urinalysis
Test/Panel identifier (code system)	300 (99USL)

##### General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Urinalysis panel - Urine by Auto

Test/Panel other identifier (code system)	50564-4 (LN)
Preferred Report Name	Comprehensive Urinalysis
Is the test/panel orderable ?	Y
Nature	P
Interpretation	Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic examination of the urine sediment.
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.
Patient preparation	Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted.
Factors that may affect the test	Insufficient specimen, Improper labeling, , presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.
Schedule	Daily
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

Panel/Test battery Details

Element	Data
Test included in panel/test battery	Color of Urine
Test included in panel/test battery (code & code system)	344 (99USL)
Test included in panel/test battery	Clarity of Urine
Test included in panel/test battery (code & code system)	346 (99USL)
Test included in panel/test battery	Erythrocytes, urine
Test included in panel/test battery (code & code system)	302 (99USL)
Test included in panel/test battery	Leukocytes, urine
Test included in panel/test battery (code & code system)	304 (99USL)
Test included in panel/test battery	Leukocyte clumps, urine
Test included in panel/test battery (code & code system)	306 (99USL)
Test included in panel/test battery	Non-squamous epithelial cells. , urine
Test included in panel/test battery (code & code system)	308 (99USL)
Test included in panel/test battery	Squamous epithelial cells. , urine
Test included in panel/test battery (code & code system)	310 (99USL)
Test included in panel/test battery	Bacteria, urine
Test included in panel/test battery (code & code system)	314 (99USL)
Test included in panel/test battery	Crystals , urine
Test included in panel/test battery (code & code system)	312 (99USL)
Test included in panel/test battery	Hyaline casts
Test included in panel/test battery (code & code system)	316 (99USL)
Test included in panel/test battery	Casts
Test included in panel/test battery (code & code system)	318 (99USL)
Test included in panel/test battery	Spermatozoa, urine
Test included in panel/test battery (code & code system)	320 (99USL)
Test included in panel/test battery	Mucus,urine

Test included in panel/test battery (code & code system)	322 (99USL)
Test included in panel/test battery	Total bilirubin,urine
Test included in panel/test battery (code & code system)	324 (99USL)
Test included in panel/test battery	Glucose, urine
Test included in panel/test battery (code & code system)	326 (99USL)
Test included in panel/test battery	Hemoglobin, urine
Test included in panel/test battery (code & code system)	328 (99USL)
Test included in panel/test battery	Ketones , urine
Test included in panel/test battery (code & code system)	330 (99USL)
Test included in panel/test battery	Leukocyte esterase, urine
Test included in panel/test battery (code & code system)	332 (99USL)
Test included in panel/test battery	Nitrite, urine
Test included in panel/test battery (code & code system)	334 (99USL)
Test included in panel/test battery	Urine pH
Test included in panel/test battery (code & code system)	336 (99USL)
Test included in panel/test battery	Protein, urine
Test included in panel/test battery (code & code system)	338 (99USL)
Test included in panel/test battery	Urobilinogen
Test included in panel/test battery (code & code system)	340 (99USL)
Test included in panel/test battery	Urine specific gravity
Test included in panel/test battery (code & code system)	342 (99USL)

#### Specimen information details

Element	Data
Sequence ID	2
Container description	Sterile, plastic, leak proof container
Container volume	4
Container units	fluid ounce (US)
Container units (code & code system)	[foz_us] (UCUM)
Specimen (code & code system)	122575003 (SCT)
Normal collection volume	20
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	4
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

#### Panel/Test battery Information - CBC\_diff

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	CBC_diff
Test/Panel identifier (code system)	200 (99USL)

##### General information

Element	Data
Specimen required ?	Y
Test/Panel other name	CBC W Auto Differential panel in Blood



Test/Panel other identifier (code system)	57021-8 (LN)
Preferred Report Name	Complete Blood Count
Is the test/panel orderable ?	Y
Nature	P
Interpretation	A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram
Factors that may affect the test	Insufficient specimen, Improper labeling, improper tube, clotted specimen, hemolyzed sample, dilution of blood.
Schedule	Daily
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Prior Results Instructions	Send prior results for CBC in past 60 days
Expected turn around time	1 day

Panel/Test battery Details

Element	Data
Test included in panel/test battery	Erythrocytes, blood
Test included in panel/test battery (code & code system)	202 (99USL)
Test included in panel/test battery	Hemoglobin (Hb)
Test included in panel/test battery (code & code system)	256 (99USL)
Test included in panel/test battery	Hematocrit
Test included in panel/test battery (code & code system)	204 (99USL)
Test included in panel/test battery	Leukocytes, blood
Test included in panel/test battery (code & code system)	206 (99USL)
Test included in panel/test battery	Platelets
Test included in panel/test battery (code & code system)	208 (99USL)
Test included in panel/test battery	Mean corpuscular volume (MCV)
Test included in panel/test battery (code & code system)	210 (99USL)
Test included in panel/test battery	Mean corpuscular hemoglobin (MCH)
Test included in panel/test battery (code & code system)	212 (99USL)
Test included in panel/test battery	Mean corpuscular hemoglobin Concentration (MCHC)
Test included in panel/test battery (code & code system)	214 (99USL)
Test included in panel/test battery	Red blood cell distribution width (RDW )
Test included in panel/test battery (code & code system)	216 (99USL)
Test included in panel/test battery	Basophils
Test included in panel/test battery (code & code system)	218 (99USL)
Test included in panel/test battery	% Basophils
Test included in panel/test battery (code & code system)	220 (99USL)
Test included in panel/test battery	Monocytes
Test included in panel/test battery (code & code system)	222 (99USL)
Test included in panel/test battery	% Monocytes
Test included in panel/test battery (code & code system)	224 (99USL)
Test included in panel/test battery	Eosinophils
Test included in panel/test battery (code & code system)	226 (99USL)
Test included in panel/test battery	% Eosinophils
Test included in panel/test battery (code & code system)	228 (99USL)
Test included in panel/test battery	Lymphocytes
Test included in panel/test battery (code & code system)	230 (99USL)
Test included in panel/test battery	% Lymphocytes
Test included in panel/test battery (code & code system)	232 (99USL)

Test included in panel/test battery	Neutrophils
Test included in panel/test battery (code & code system)	234 (99USL)
Test included in panel/test battery	% Neutrophils
Test included in panel/test battery (code & code system)	236 (99USL)
Test included in panel/test battery	Anisocytosis
Test included in panel/test battery (code & code system)	238 (99USL)
Test included in panel/test battery	Hypochromia
Test included in panel/test battery (code & code system)	240 (99USL)
Test included in panel/test battery	Macrocytosis
Test included in panel/test battery (code & code system)	242 (99USL)
Test included in panel/test battery	Microcytosis
Test included in panel/test battery (code & code system)	244 (99USL)
Test included in panel/test battery	Poikilocytosis
Test included in panel/test battery (code & code system)	246 (99USL)
Test included in panel/test battery	Polychromasia
Test included in panel/test battery (code & code system)	248 (99USL)
Test included in panel/test battery	RBC morphology
Test included in panel/test battery (code & code system)	250 (99USL)
Test included in panel/test battery	WBC morphology
Test included in panel/test battery (code & code system)	252 (99USL)
Test included in panel/test battery	Platelet morphology
Test included in panel/test battery (code & code system)	254 (99USL)

#### Specimen information details

Element	Data
Sequence ID	3
Container description	Lavender Top (EDTA) tube
Container description	Pink Top (K2EDTA) tube
Container volume	3.0
Container volume	3.0
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119297000 (SCT)
Specimen (code & code system)	EDTK (HL70371)
Normal collection volume	3
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.
Specimen Handling Code	Critical refrigerated
Specimen Handling Code (code & code system)	CREF (HL70376)
Specimen Preference	P

#### Panel/Test battery Information - GHP Record information

Element	Data
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Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	GHP
Test/Panel identifier (code system)	800 (99USL)

#### General information

Element	Data
Specimen required ?	Y
Preferred Report Name	General Health Profile
Is the test/panel orderable ?	Y
Nature	S
Interpretation	This blood test is used to determine general health status and to screen for and monitor a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4).
Patient preparation	Patient fasting required for 12 hours.
Factors that may affect the test	Insufficient specimen, Gross hemolysis, Improper labeling...
Schedule	Daily
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

#### Panel/Test battery Details

Element	Data
Test included in panel/test battery	CMP
Test included in panel/test battery (code & code system)	100 (99USL)
Test included in panel/test battery	CBC_diff
Test included in panel/test battery (code & code system)	200 (99USL)
Test included in panel/test battery	TSH
Test included in panel/test battery (code & code system)	700 (99USL)
Test included in panel/test battery	Comprehensive Urinalysis
Test included in panel/test battery (code & code system)	300 (99USL)

#### Specimen information details

Element	Data
Sequence ID	4.1
Container description	Gold Serum Separator tube
Container description	Red, No Additive tube
Container volume	5.0
Container volume	5.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	1
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
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 Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	4.2
Container description	Lavender Top (EDTA) tube
Container description	Pink Top (K2EDTA) tube
Container volume	3.0
Container volume	3.0
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119297000 (SCT)
Specimen (code & code system)	EDTK (HL70371)
Normal collection volume	3
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.
Specimen Handling Code	Critical refrigerated
Specimen Handling Code (code & code system)	CREF (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	4.3
Container description	Sterile, plastic, leak proof container
Container volume	4
Container units	fluid ounce (US)
Container units (code & code system)	[foz_us] (UCUM)
Specimen (code & code system)	122575003 (SCT)
Normal collection volume	20
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	4
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

Panel/Test battery Information - Hepatitis A B C Panel\_ With Reflex

Record information

Element	Data
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Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Hepatitis A B C Panel_ With Reflex
Test/Panel identifier (code system)	1000 (99USL)

#### General information

Element	Data
Specimen required ?	Y
Preferred Report Name	Hepatitis A B C Panel_ With Reflex
Is the test/panel orderable ?	Y
Nature	P
Reflex test	Hepatitis C RNA PCR
Reflex test (code & code system)	1010 (99USL)
Reflex trigger rule	Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing.
Factors that may affect the test	Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triglyceride level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter -Cadaveric specimen

#### Panel/Test battery Details

Element	Data
Test included in panel/test battery	Hepatitis A IgM antibodies (IgM anti-HAV)
Test included in panel/test battery (code & code system)	1001 (99USL)
Test included in panel/test battery	Hepatitis A antibodies (anti-HAV)
Test included in panel/test battery (code & code system)	1002 (99USL)
Test included in panel/test battery	Hepatitis B core antibodies (anti-HBVC)
Test included in panel/test battery (code & code system)	1003 (99USL)
Test included in panel/test battery	Hepatitis B core antibodies (anti-HBVC) Quant
Test included in panel/test battery (code & code system)	1004 (99USL)
Test included in panel/test battery	Hepatitis B e antibodies (anti-HBVe)
Test included in panel/test battery (code & code system)	1005 (99USL)
Test included in panel/test battery	Hepatitis B surface antigen (HBsAg)
Test included in panel/test battery (code & code system)	1006 (99USL)
Test included in panel/test battery	Hepatitis B surface antibody (anti-HBs)
Test included in panel/test battery (code & code system)	1007 (99USL)
Test included in panel/test battery	Hepatitis C antibody screen (anti-HCV)
Test included in panel/test battery (code & code system)	1008 (99USL)
Test included in panel/test battery	Hepatitis C antibodies Signal to Cut-off Ratio
Test included in panel/test battery (code & code system)	1009 (99USL)
Test included in panel/test battery	Hepatitis C RNA PCR
Test included in panel/test battery (code & code system)	1010 (99USL)

#### Specimen information details

Element	Data
Sequence ID	5
Container description	Gold Serum Separator tube
Container volume	5.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)
Normal collection volume	4

Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	2.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Spin down and remove serum from clot within 6 hours.
Specimen Handling Code	Frozen
Specimen Handling Code (code & code system)	FRZ (HL70376)
Specimen Preference	P

Panel/Test battery Information - Arbovirus IgG and IgM Panel (DNG, WNV) in Serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Arbovirus IgG and IgM Panel (DNG, WNV) in Serum
Test/Panel identifier (code system)	1300 (99USL)

General information

Element	Data
Specimen required ?	N
Preferred Report Name	Arbovirus Panel for Dengue, West Nile Virus
Is the test/panel orderable ?	Y
Nature	P
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	2 day

Panel/Test battery Details

Element	Data
Test included in panel/test battery	Dengue Virus IgG Titer Serum
Test included in panel/test battery (code & code system)	1301 (99USL)
Test included in panel/test battery	Dengue Virus IgM Titer Serum
Test included in panel/test battery (code & code system)	1302 (99USL)
Test included in panel/test battery	WNV IgG Titer Serum
Test included in panel/test battery (code & code system)	1303 (99USL)
Test included in panel/test battery	WNV Virus IgM Titer Serum
Test included in panel/test battery (code & code system)	1304 (99USL)

Specimen information details

Element	Data
Sequence ID	6
Container description	Gold Serum Separator tube
Container description	Red, No Additive tube
Container volume	5.0
Container volume	5.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119364003 (SCT)



Normal collection volume	1
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
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 Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

#### Panel/Test battery Information - Creatinine Clearance

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Creatinine Clearance
Test/Panel identifier (code system)	1200 (99USL)

##### General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Creatinine 24H renal clearance panel
Test/Panel other identifier (code system)	34555-3 (LN)
Preferred Report Name	Creatinine Clearance
Is the test/panel orderable ?	Y
Nature	P
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	1 day

##### Panel/Test battery Details

Element	Data
Test included in panel/test battery	Urine Volume of 24 hour collection
Test included in panel/test battery (code & code system)	1904 (99USL)
Test included in panel/test battery	Creatinine Clearance in 24 hours
Test included in panel/test battery (code & code system)	1201 (99USL)
Test included in panel/test battery	Creatinine
Test included in panel/test battery (code & code system)	102 (99USL)
Test included in panel/test battery	GFR, calculated
Test included in panel/test battery (code & code system)	110 (99USL)
Test included in panel/test battery	Creatinine in 24 hr Urine
Test included in panel/test battery (code & code system)	1202 (99USL)
Test included in panel/test battery	What is the Clinically Relevant Race?
Test included in panel/test battery (code & code system)	1906 (99USL)

##### Specimen information details

Element	Data
Sequence ID	7.1
Container description	Sterile, plastic, leak proof container

Container volume	2000
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	122575003 (SCT)
Normal collection volume	20
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	4
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	7.2
Container description	Lavender Top (EDTA) tube
Container description	Pink Top (K2EDTA) tube
Container volume	3.0
Container volume	3.0
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Container units	milliliters
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119297000 (SCT)
Specimen (code & code system)	EDTK (HL70371)
Normal collection volume	3
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	0.5
Normal collection volume unit	milliliters
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Requirements	Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.
Specimen Handling Code	Critical refrigerated
Specimen Handling Code (code & code system)	CREF (HL70376)
Specimen Preference	P

MSH|^~&#NIST Test Lab APP^2.16.840.1.113883.3.72.5.20^ISO|NIST Lab Facility^2.16.840.1.113883.3.72.5.21^ISO||NIST EHR Facility^2.16.840.1.113883.3.72.5.23^ISO|20130421113601-0700||MFN^M10^MFN\_M10|EDOS\_1.0\_2.1-M10\_GU|D|2.5.1|||||EDOS\_Common\_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS\_GU\_Component^EDOS GU Profile^2.16.840.1.113883.9.68^I  
SO

MFI|OMC^Observation batteries master file^HL70175^^^^2.5.1||REP||NE

MFE|MAD||20131219145310|100^CMP^99USL^^^^20130421|CWE

OM1|1|100^CMP^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2013||24323-8^Comprehensive metabolic 2000 panel - Serum or Plasma^LN^^^^2.42|||CMP||Y|||P|||||Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function.||||Patient fasting required for 12 hours.||Insufficient specimen, Gross hemolysis, Improper labeling.||Daily|||||N|LAB|CMP||||1^d&day&UCUM&&&&1.8

OM5|1|104^Serum Glucose^99USL^2345-7^Glucose [Mass/volume] in Serum or Plasma^LN^20130421^2.42~106^Blood Urea Nitrogen (BUN)^99USL^3094-0^Urea nitrogen [Mass/volume] in Serum or Plasma^LN^20130421^2.42~102^Creatinine^99USL^2160-0^Creatinine [Mass/volume] in Serum or Plasma^LN^20130421^2.42~108^BUN/Creatinine Ratio^99USL^3097-3^Urea nitrogen/Creatinine [Mass Ratio] in Serum or Plasma^LN^20130421^2.42~110^GFR, calculated^99USL^33914-3^Glomerular filtration rate/1.73 sq M.predicted by Creatinine-based formula (MDRD)^LN^20130421^2.42~112^Calcium^99USL^17861-6^Calcium [Mass/volume] in Serum or Plasma^LN^20130421^2.42~114^Total protein, serum^99USL^2885-2^Protein [Mass/volume] in Serum or Plasma^LN^20130421^2.42~116^Albumin^99USL^1751-7^Albumin [Mass/volume] in Serum or Plasma^LN^20130421^2.42~118^Globulin^99USL^10834-0^Globulin [Mass/volume] in Serum by calculation^LN^20130421^2.42~120^Albumin/globulin ratio^99USL^1759-0^Albumin/Globulin [Mass Ratio] in Serum or Plasma^LN^20130421^2.42~122^Total bilirubin, serum^99USL^1975-2^Bilirubin.total [Mass/volume] in Serum or Plasma^LN^20130421^2.42~124^Alkaline phosphatase (ALP)^99USL^6768-6^Alkaline phosphatase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~126^Alanine aminotransferase (ALT)^99USL^1742-6^Alanine aminotransferase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~128^Aspartate aminotransferase (ASP)^99USL^1920-8^Aspartate aminotransferase [Enzymatic activity/volume] in Serum or Plasma^LN^20130421^2.42~130^Sodium, serum^99USL^2951-2^Sodium [Moles/volume] in Serum or Plasma^LN^20130421^2.42~132^Potassium, serum^99USL^2823-3^Potassium [Moles/volume] in Serum or Plasma^LN^20130421^2.42~134^Chloride, serum^99USL^2075-0^Chloride [Moles/volume] in Serum or Plasma^LN^20130421^2.42~136^Carbon dioxide, serum^99USL^2028-9^Carbon dioxide, total [Moles/volume] in Serum or Plasma^LN^20130421^2.42~138^Anion gap^99USL^  
^^^^20130421

OM4|1||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0|mL^milliliter^UCUM^^^^1.8~mL^milliliter^UCUM^^^^1.8|1193 64003^Serum specimen^SCT^^^^201509-US Ed||||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|300^Comprehensive Urinalysis^99USL^^^^20130421|CWE

OM1|2|300^Comprehensive Urinalysis^99USL^^^^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^^^^2013||50564-4^Urinalysis panel - Urine by Auto^LN^^^^2.44||Comprehensive Urinalysis||Y||||P|||||Urinalysis is used to detect and assess a wide range of disorders. This panel includes a opacity, color, appearance, specific gravity, pH, protein, glucose, occult blood, ketones, bilirubin, nitrite, and microscopic examination of the urine sediment.||||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.~Both males and females need instructions on cleaning the urethral opening. A "midstream catch" is performed by initially urinating into the toilet then bringing the collection device into the urine stream to obtain the midportion of the void. For infants and young children urine can be collected by urine bag, catheterization or cystocentesis. A clean catch sample is preferred, when contamination from vaginal hemorrhage or discharge is suspected. If the specimen is obtained by catheterization, the collection method must be noted.||Insufficient specimen, Improper labeling., presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.|Daily|||||N|LAB||||1^&day

OM5|2|344^Color of Urine^99USL^5778-6^Color of Urine^LN^20130421^2.42~346^Clarity of Urine^99USL^32167-9^Clarity of Urine^LN^20130421^2.42~302^Erythrocytes, urine^99USL^46419-8^Erythrocytes [#area] in Urine sediment by Automated count^LN^20130421^2.42~304^Leukocytes, urine^99USL^46702-7^Leukocytes [#area] in Urine sediment by Automated count^LN^20130421^2.42~306^Leukocyte clumps, urine^99USL^50233-6^Leukocyte clumps [#area] in Urine sediment by Automated count^LN^20130421^2.42~308^Non-squamous epithelial cells. , urine^99USL^53294-5^Epithelial cells.non-squamous [#area] in Urine sediment by Automated count^LN^20130421^2.42~310^Squamous epithelial cells. , urine^99USL^33219-7^Epithelial cells.squamous [#area] in Urine sediment by Automated count^LN^20130421^2.42~314^Bacteria, urine^99USL^33218-9^Bacteria [#area] in Urine sediment by Automated count^LN^20130421^2.42~312^Crystals , urine^99USL^53322-4^Crystals [#area] in Urine sediment by Automated count^LN^20130421^2.42~316^Hyaline casts^99USL^33223-9^Hyaline casts [#area] in Urine sediment by Automated count^LN^20130421^2.42~318^Casts^99USL^43755-8^Casts [#area] in Urine sediment by Automated count^LN^20130421^2.42~320^Spermatozoa, urine^99USL^53324-0^Spermatozoa [#area] in Urine sediment by Automated count^LN^20130421^2.42~322^Mucus,urine^99USL^50235-1^Mucus [#area] in Urine sediment by Automated count^LN^20130421^2.42~324^Total bilirubin,urine^99USL^53327-3^Bilirubin.total [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~326^Glucose, urine^99USL^53328-1^Glucose [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~328^Hemoglobin, urine^99USL^50559-4^Hemoglobin [Mas

s/volume] in Urine by Automated test strip^LN^20130421^2.42~330^Ketones , urine^99USL^50557-8^Ketones [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~332^Leukocyte esterase, urine^99USL^60026-2^Leukocyte esterase [Presence] in Urine by Automated test strip^LN^20130421^2.42~334^Nitrite, urine^99USL^20130421~336^Urine pH^99USL^50560-2^pH of Urine by Automated test strip^LN^20130421^2.42~338^Protein, urine^99USL^50561-0^Protein [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~340^Urobilinogen^99USL^50563-6^Urobilinogen [Mass/volume] in Urine by Automated test strip^LN^20130421^2.42~342^Urine specific gravity^99USL^53326-5^Specific gravity of Urine by Automated test strip^LN^20130421^2.42

OM4|2||Sterile, plastic, leak proof container|4|[foz\_us]^fluid ounce (US)^UCUM^1.8|122575003^Urine specimen^SCT^UR^Random urine^99USL^201509-US Ed^2014^Random urine|||20^mL&milliliter&UCUM&&&1.8|4^mL&milliliter&UCUM&&&1.8|Keep refrigerated|||REF^Refrigerated temperature^HL70376^2.5.1|P

MFE|MAD|20131219145310|200^CBC\_diff^99USL^20130421|CWE

OM1|3|200^CBC\_diff^99USL^20130421|Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||57021-8^CBC W Auto Differential panel in Blood^LN^2.44|Complete Blood Count||Y||||P|||||A CBC is used to evaluate red blood cells , white blood cells , and platelet and helps detect and assess a wide range of disorders. This panel includes a WBC count, differential count, Hct, Hb, RBC count, WBC and RBC Morphology, RBC indices, platelet estimate, platelet count, RDW, and histogram.|||||Insufficient specimen, Improper labeling, improper tube, clotted specimen, hemolyzed sample, dilution of blood.|Daily||||N|LAB|||Send prior results for CBC in past 60 days|||1^&day

OM5|3|202^Erythrocytes, blood^99USL^26453-1^Erythrocytes [# /volume] in Blood^LN^20130421^2.42~256^Hemoglobin (Hb)^99USL^718-7^Hemoglobin [Mass/volume] in Blood^LN^20130421^2.42~204^Hematocrit^99USL^20570-8^Hematocrit [Volume Fraction] of Blood^LN^20130421^2.42~206^Leukocytes, blood^99USL^26464-8^Leukocytes [# /volume] in Blood^LN^20130421^2.42~208^Platelets^99USL^26515-7^Platelets [# /volume] in Blood^LN^20130421^2.42~210^Mean corpuscular volume (MCV)^99USL^30428-7^Erythrocyte mean corpuscular volume [Entitic volume]^LN^20130421^2.42~212^Mean corpuscular hemoglobin (MCH)^99USL^28539-5^Erythrocyte mean corpuscular hemoglobin [Entitic mass]^LN^20130421^2.42~214^Mean corpuscular hemoglobin Concentration (MCHC)^99USL^28540-3^Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]^LN^20130421^2.42~216^Red blood cell distribution width (RDW)^99USL^30385-9^Erythrocyte distribution width [Ratio]^LN^20130421^2.42~218^Basophils^99USL^26444-0^Basophils [# /volume] in Blood^LN^20130421^2.42~220^% Basophils^99USL^30180-4^Basophils/100 leukocytes in Blood^LN^20130421^2.42~222^Monocytes^99USL^26484-6^Monocytes [# /volume] in Blood^LN^20130421^2.42~224^% Monocytes^99USL^26485-3^Monocytes /100 leukocytes in Blood^LN^20130421^2.42~226^Eosinophils^99USL^26449-9^Eosinophils [# /volume] in Blood^LN^20130421^2.42~228^% Eosinophils^99USL^26450-7^Eosinophils/100 leukocytes in Blood^LN^20130421^2.42~230^Lymphocytes^99USL^26474-7^Lymphocytes [# /volume] in Blood^LN^20130421^2.42~232^% Lymphocytes^99USL^26478-8^Lymphocytes/100 leukocytes in Blood^LN^20130421^2.42~234^Neutrophils^99USL^26499-4^Neutrophils [# /volume] in Blood^LN^20130421^2.42~236^% Neutrophils^99USL^20130421~238^Anisocytosis^99USL^38892-6^Anisocytosis [Presence] in Blood^LN^20130421^2.42~240^Hypochromia^99USL^30400-6^Hypochromia [Presence] in Blood^LN^20130421^2.42~242^Macrocytosis^99USL^30424-6^Macrocytes [Presence] in Blood^LN^20130421^2.42~244^Microcytosis^99USL^30434-5^Microcytes [Presence] in Blood^LN^20130421^2.42~246^Poikilocytosis^99USL^20130421~248^Polychromasia^99USL^10378-8^Polychromasia [Presence] in Blood by Light microscopy^LN^20130421^2.42~250^RBC morphology^99USL^6742-1^Erythrocyte morphology finding [Identifier] in Blood^LN^20130421^2.42~252^WBC morphology^99USL^11156-7^Leukocyte morphology finding [Identifier] in Blood^LN^20130421^2.42~254^Platelet morphology^99USL^11125-2^Platelet morphology finding [Identifier] in Blood^LN^20130421^2.42

OM4|3||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0|mL^milliliters^UCUM^1.8~mL^milliliters^UCUM^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^2.5.1||3^mL&milliliters&UCUM&&&1.8|0.5^mL&milliliters&UCUM&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.|||CREF^Critical refrigerated^HL70376^2.5.1|P

MFE|MAD|20131219145310|800^GHP^99USL^20130421|CWE

OM1|4|800^GHP^99USL^20130421|Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013|||General Health Profile||Y||||S|||||This blood test is used to determine general health status and to screen for and monitor a variety of disorders. This profile includes a complete metabolic profile, comprehensive CBC, Urinalysis and total Thyrotropin (T4).||||Patient fasting required for 12 hours.||||Insufficient specimen, Gross hemolysis, Improper labeling...|Daily||||N|LAB|||1^d&day&UCUM&&&1.8

OM5|4|100^CMP^99USL^24323-8^Comprehensive metabolic 2000 panel - Serum or Plasma^LN^2.42~200^CBC\_diff^99USL^57021-8^CB W Auto Differential panel in Blood^LN^2.42~700^TSH^99USL^3016-3^Thyrotropin [Units/volume] in Serum or Plasma^LN^2.42~300^Comprehensive Urinalysis^99USL^50564-4^Urinalysis panel - Urine by Auto^LN^2.42

OM4|4.1||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0| $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8\sim\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8$ |119364003^Serum specimen^SCT^201509-US Ed||||1^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ |0.5^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&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

OM4|4.2||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0| $\text{mL}^{\wedge}\text{milliliters}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8\sim\text{mL}^{\wedge}\text{milliliters}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8$ |119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^2.5.1||3^ $\text{mL}^{\wedge}\text{milliliters}^{\wedge}\text{UCUM}$ &&&&1.8|0.5^ $\text{mL}^{\wedge}\text{milliliters}^{\wedge}\text{UCUM}$ &&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.|||CREF^Critical refrigerated^HL70376^2.5.1|P

OM4|4.3||Sterile, plastic, leak proof container|4|[föz\_us]^fluid ounce (US)^UCUM^1.8|122575003^Urine specimen^SCT^UR^Random urine^99USL^201509-US Ed^2014^Random urine||||20^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&1.8|4^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&1.8|Keep refrigerated|||REF^Refrigerated temperature^HL70376^2.5.1|P

MFE|MAD||20131219145310|1000^Hepatitis A B C Panel\_ With Reflex^99USL^20130421|CWE

OM1|5|1000^Hepatitis A B C Panel\_ With Reflex^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL||||Hepatitis A B C Panel\_ With Reflex||Y||||P|||||||||1010^Hepatitis C RNA PCR^99USL^11011-4^Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method^LN|Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9. In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing.|||Performance characteristics have not been established for the following types of specimen: -Grossly icteric (total bilirubin level of >15 mg/dL) -Grossly lipemic (triglyceride level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter -Cadaveric specimen

OM5|5|1001^Hepatitis A IgM antibodies (IgM anti-HAV)^99USL^22314-9^Hepatitis A virus IgM Ab [Presence] in Serum^LN~1002^Hepatitis A antibodies (anti-HAV)^99USL^20575-7^Hepatitis A virus Ab [Presence] in Serum^LN~1003^Hepatitis B core antibodies (anti-HBVC)^99USL^16933-4^Hepatitis B virus core Ab [Presence] in Serum^LN~1004^Hepatitis B core antibodies (anti-HBVC) Quant^99USL^22316-4^Hepatitis B virus core Ab [Units/volume] in Serum^LN~1005^Hepatitis B e antibodies (anti-HBVe)^99USL^22320-6^Hepatitis B virus e Ab [Presence] in Serum^LN~1006^Hepatitis B surface antigen (HBsAg)^99USL^5195-3^Hepatitis B virus surface Ag [Presence] in Serum^LN~1007^Hepatitis B surface antibody (anti-HBVs)^99USL^22322-2^Hepatitis B virus surface Ab [Presence] in Serum^LN~1008^Hepatitis C antibody screen (anti-HCV)^99USL^16128-1^Hepatitis C virus Ab [Presence] in Serum^LN~1009^Hepatitis C antibodies Signal to Cut-off Ratio^99USL^48159-8^Hepatitis C virus Ab Signal/Cutoff in Serum or Plasma by Immunoassay^LN~1010^Hepatitis C RNA PCR^99USL^11011-4^Hepatitis C virus RNA [Units/volume] (viral load) in Serum or Plasma by Probe and target amplification method^LN

OM4|5||Gold Serum Separator tube|5.0| $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8$ |119364003^Serum specimen^SCT^201509-US Ed||||4^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&1.8|2.5^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&1.8|Spin down and remove serum from clot within 6 hours.|||FRZ^Frozen^HL70376|P

MFE|MAD||20131219145310|1300^Arbovirus IgG and IgM Panel (DNG, WNV) in Serum^99USL^20130421|CWE

OM1|6|1300^Arbovirus IgG and IgM Panel (DNG, WNV) in Serum^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||||Arbovirus Panel for Dengue, West Nile Virus||Y||||P|||||||||Insufficient specimen, Improper labeling,|Monday through Friday|||||N|LAB|||||2^&day

OM5|6|1301^Dengue Virus IgG Titer Serum^99USL^6811-4^Dengue virus IgG Ab [Titer] in Serum^LN~1302^Dengue Virus IgM Titer Serum^99USL^6812-2^Dengue virus IgM Ab [Titer] in Serum^LN~1303^WNV IgG Titer Serum^99USL^33329-4^West Nile virus IgG Ab [Titer] in Serum^LN~1304^WNV Virus IgM Titer Serum^99USL^33331-0^West Nile virus IgM Ab [Titer] in Serum^LN

OM4|6||Gold Serum Separator tube~Red, No Additive tube|5.0~5.0| $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8\sim\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}^{\wedge\wedge\wedge\wedge}1.8$ |119364003^Serum specimen^SCT^201509-US Ed||||1^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ |0.5^ $\text{mL}^{\wedge}\text{milliliter}^{\wedge}\text{UCUM}$ &&&&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|1200^Creatinine Clearance^99USL^20130421|CWE

OM1|7|1200^Creatinine Clearance^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||34555-3^Creatinine 24H renal clearance panel^LN||Creatinine Clearance||Y||||P|||||||||Insufficient specimen, Improper labeling,|Monday through Friday|||||N|LAB|||||1^&day

OM5|7|1904^Urine Volume of 24 hour collection^99USL^3167-4^Volume of 24 hour Urine^LN~1201^Creatinine Clearance in 24 hours^99USL^2164-2^Creatinine renal clearance in 24 hour^LN~102^Creatinine^99USL^2160-0^Creatinine [Mass/volume] in Serum or Plasma^LN~110^GFR, calculated^99USL^33914-3^Glomerular filtration rate/1.73 sq M, predicted by Creatinine-based formula

la (MDRD)^LN~1202^Creatinine in 24 hr Urine^99USL^20624-3^Creatinine [Mass/volume] in 24 hour Urine^LN~1906^What is the Clinically Relevant Race?^99USL^32624-9^Race^LN

OM4|7.1||Sterile, plastic, leak proof container|2000|mL^milliliter^UCUM^^^^1.8|122575003^Urine specimen^SCT^24HrUR^24 h our urine^99USL^201509-US Ed^2014^24 hour urine||||20^mL&milliliter&UCUM&&&&1.8|4^mL&milliliter&UCUM&&&&1.8|Keep refrigerated|||REF^Refrigerated temperature^HL70376^^^^2.5.1|P

OM4|7.2||Lavender Top (EDTA) tube~Pink Top (K2EDTA) tube|3.0~3.0|mL^milliliters^UCUM^^^^1.8~mL^milliliters^UCUM^^^^1.8|119297000^Blood sample^SCT^WBLD^Whole blood^99USL^201509-US Ed^2014^Whole blood|EDTK^Potassium/K EDTA^HL70371^^^^2.5.1||  
|3^mL&milliliters&UCUM&&&&1.8|0.5^mL&milliliters&UCUM&&&&1.8|Refrigeration is required if specimen is not brought immediately to laboratory. Two blood smears should be prepared if sample is not delivered to the laboratory within 4 hrs. Sample should be analyzed within 6 hours at room temperature and 24 hrs when stored at 4 degrees C.|||CREF^Critical refrigerated^HL70376^^^^2.5.1|P