

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

**Version 1.0**

**27th May, 2015**

# **eDOS Test Case EDOS\_1.0\_2.1-M10\_NG**

**M10\_New**

## Message Content Data Sheet

### Test Case Information

EDOS_1.0_2.1-M10-NG - M10_New	
Test Case ID	EDOS_1.0_2.1-M10_NG

### MSH :

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~\&#	IG Fixed Data
MSH.3	Sending Application		
MSH.3.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20130421113601-0700	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M10	IG Fixed Data
MSH.9.3	Message Structure	MFN_M10	IG Fixed Data
MSH.10	Message Control ID	EDOS_1.0_2.1-M10-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	T	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	Accept Acknowledgment Type	AL	Changeable Data
MSH.16	Application Acknowledgment Type	NE	Changeable Data
MSH.21[1]	Message Profile Identifier		
MSH.21[1].1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21[1].2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21[1].3	Universal ID	2.16.840.1.113883.9.67	Test Case Fixed Data
MSH.21[1].4	Universal ID Type	ISO	IG Fixed Data

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

MFI :

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<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 :

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<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	100	Changeable Data
MFE.4.2	Text	CMP	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

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

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OM1.2.1	Identifier	100	Changeable Data
OM1.2.2	Text	CMP	Changeable Data
OM1.2.3	Name of Coding System	99USI	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	99USI	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	IG Fixed Data
<b>OM1.31[1]</b>	<b>Observations Required to Interpret the Observation</b>		
OM1.31[1].1	Identifier	49541-6	Changeable Data
OM1.31[1].2	Text	Fasting status [Presence] - reported	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.31[1].7	Coding System Version ID	2.42	Changeable Data
<b>OM1.31[2]</b>	<b>Observations Required to Interpret the Observation</b>		
OM1.31[2].1	Identifier	32624-9	Changeable Data
OM1.31[2].2	Text	Race	Changeable Data
OM1.31[2].3	Name of Coding System	LN	Changeable Data
OM1.31[2].7	Coding System Version ID	2.42	Changeable Data
<b>OM1.32[1]</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[1]</b>	<b>Patient Preparation</b>	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[1]	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.51[1]	Other Names	CMP	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.1	Identifier	d	Changeable Data
OM1.57[1].2.2	Text	day	Changeable Data
OM1.57[1].2.3	Name of Coding System	UCUM	Changeable Data
OM1.57[1].2.7	Coding System Version ID	1.8	Changeable Data

OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	1	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	104	Changeable Data
OM5.2[1].2	Text	Serum Glucose	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	2345-7	Changeable Data
OM5.2[1].5	Alternate Text	Glucose [Mass/volume] in Serum or Plasma	Changeable Data
OM5.2[1].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[1].7	Coding System Version ID	20130421	Changeable Data
OM5.2[1].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	106	Changeable Data
OM5.2[2].2	Text	Blood Urea Nitrogen (BUN)	Changeable Data
OM5.2[2].3	Name of Coding System	99USI	Changeable Data
OM5.2[2].4	Alternate Identifier	3094-0	Changeable Data

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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	99USI	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	99USI	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	99USI	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

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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	Text	Calcium	Changeable Data
OM5.2[6].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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	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	124	Changeable Data
OM5.2[12].2	Text	Alkaline phosphatase (ALP)	Changeable Data
OM5.2[12].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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>		
OM5.2[17].1	Identifier	134	Changeable Data
OM5.2[17].2	Text	Chloride, serum	Changeable Data
OM5.2[17].3	Name of Coding System	99USI	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	99USI	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	99USI	Changeable Data
OM5.2[19].7	Coding System Version ID	20130421	Changeable Data

## OM4 :

Location	Data Element	Data	Categorization
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	1	IG Fixed Data
<b>OM4.3[1]</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[1]</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[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	mililiter	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	mililiter	Changeable Data
OM4.5[2].3	Name of Coding System	UCUM	Changeable Data
OM4.5[2].7	Coding System Version ID	1.8	Changeable Data
<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	20130131	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<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	300	Changeable Data
MFE.4.2	Text	Comprehensive Urinalysis	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	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	99USI	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	Y	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USI	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	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	IG Fixed Data
OM1.32[1]	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 examination of the urine sediment.	Changeable Data
OM1.37[1]	Patient Preparation	Collect random urine in a clean plastic container. Label the urine container with the patient's full name and the date and time of collection, refrigerate after collection.	Changeable Data

OM1.37[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[1]	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

## OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	2	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	344	Changeable Data
OM5.2[1].2	Text	Color of Urine	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	5778-6	Changeable Data
OM5.2[1].5	Alternate Text	Color of Urine	Changeable Data
OM5.2[1].6	Name of Alternate Coding System	LN	Changeable Data

OM5.2[1].7	Coding System Version ID	20130421	Changeable Data
OM5.2[1].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	346	Changeable Data
OM5.2[2].2	Text	Clarity of Urine	Changeable Data
OM5.2[2].3	Name of Coding System	99USI	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
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
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	99USI	Changeable Data
OM5.2[3].4	Alternate Identifier	46419-8	Changeable Data
OM5.2[3].5	Alternate Text	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	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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[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	312	Changeable Data
OM5.2[9].2	Text	Crystals , urine	Changeable Data
OM5.2[9].3	Name of Coding System	99USI	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	99USI	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>		

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OM5.2[11].1	Identifier	318	Changeable Data
OM5.2[11].2	Text	Casts	Changeable Data
OM5.2[11].3	Name of Coding System	99USI	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	99USI	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	99USI	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	Text	Total bilirubin,urine	Changeable Data
OM5.2[14].3	Name of Coding System	99USI	Changeable Data

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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	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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	336	Changeable Data
OM5.2[20].2	Text	Urine pH	Changeable Data
OM5.2[20].3	Name of Coding System	99USI	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
<b>OM5.2[21]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
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	99USI	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
<b>OM5.2[22]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[22].1	Identifier	340	Changeable Data
OM5.2[22].2	Text	Urobilinogen	Changeable Data
OM5.2[22].3	Name of Coding System	99USI	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
<b>OM5.2[23]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
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	99USI	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
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	2	IG Fixed Data

<b>OM4.3[1]</b>	<b>Container Description</b>	Sterile, plastic, leak proof container	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	4	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	[foz_us]	Changeable Data
OM4.5[1].2	Text	fluid ounce (US)	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	122575003	Test Case Fixed Data
OM4.6.2	Text	Urine specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier	UR	Changeable Data
OM4.6.5	Alternate Text	Random urine	Changeable Data
OM4.6.6	Name of Alternate Coding System	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Random urine	Changeable Data
<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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<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	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## OM1 :

Location	Data Element	Data	Categorization
<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	99USI	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	99USI	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	57021-8	Test Case Fixed Data
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	IG Fixed Data
OM1.32[1]	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[1]	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.53[1]	Prior Results Instructions	Send prior results for CBC in past 60 days	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

## OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	3	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	202	Changeable Data
OM5.2[1].2	Text	Erythrocytes, blood	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	26453-1	Changeable Data
OM5.2[1].5	Alternate Text	Erythrocytes [# /volume] in Blood	Changeable Data

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OM5.2[1].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[1].7	Coding System Version ID	20130421	Changeable Data
OM5.2[1].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	256	Changeable Data
OM5.2[2].2	Text	Hemoglobin (Hb)	Changeable Data
OM5.2[2].3	Name of Coding System	99USI	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
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	204	Changeable Data
OM5.2[3].2	Text	Hematocrit	Changeable Data
OM5.2[3].3	Name of Coding System	99USI	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	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	206	Changeable Data
OM5.2[4].2	Text	Leukocytes, blood	Changeable Data
OM5.2[4].3	Name of Coding System	99USI	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

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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	99USI	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	99USI	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	99USI	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	99USI	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	Identifier	216	Changeable Data
OM5.2[9].2	Text	Red blood cell distribution width (RDW )	Changeable Data
OM5.2[9].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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

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OM5.2[14].2	Text	Eosinophils	Changeable Data
OM5.2[14].3	Name of Coding System	99USI	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	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	228	Changeable Data
OM5.2[15].2	Text	% Eosinophils	Changeable Data
OM5.2[15].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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	99USI	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>		
OM5.2[21].1	Identifier	240	Changeable Data
OM5.2[21].2	Text	Hypochromia	Changeable Data

OM5.2[21].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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>		



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OM5.2[25].1	Identifier	248	Changeable Data
OM5.2[25].2	Text	Polychromasia	Changeable Data
OM5.2[25].3	Name of Coding System	99USI	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	99USI	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>		
OM5.2[27].1	Identifier	252	Changeable Data
OM5.2[27].2	Text	WBC morphology	Changeable Data
OM5.2[27].3	Name of Coding System	99USI	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	99USI	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[1]</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[1]</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[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliters	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[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	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Whole blood	Changeable Data
<b>OM4.7</b>	<b>Additive</b>		

OM4.7.1	Identifier	EDTK	Changeable Data
OM4.7.2	Text	Potassium/K EDTA	Changeable Data
OM4.7.3	Name of Coding System	HL70371	Changeable Data
OM4.7.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	CREF	Changeable Data
OM4.15[1].2	Text	Critical refrigerated	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</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 Profile	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
<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 Profile	Changeable Data
OM1.2.3	Name of Coding System	99USI	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	99USI	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	IG Fixed Data
<b>OM1.31[1]</b>	<b>Observations Required to Interpret the Observation</b>		
OM1.31[1].1	Identifier	49541-6	Changeable Data
OM1.31[1].2	Text	Fasting status [Presence] - reported	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
OM1.31[1].7	Coding System Version ID	2.42	Changeable Data
<b>OM1.31[2]</b>	<b>Observations Required to Interpret the Observation</b>		
OM1.31[2].1	Identifier	32624-9	Changeable Data
OM1.31[2].2	Text	Race	Changeable Data
OM1.31[2].3	Name of Coding System	LN	Changeable Data

OM1.31[2].7	Coding System Version ID	2.42	Changeable Data
OM1.32[1]	Interpretation of Observations	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).	Changeable Data
OM1.37[1]	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[1]	Service/Test/Observation Performance Schedule	Daily	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.1	Identifier	d	Changeable Data
OM1.57[1].2.2	Text	day	Changeable Data
OM1.57[1].2.3	Name of Coding System	UCUM	Changeable Data
OM1.57[1].2.7	Coding System Version ID	1.8	Changeable Data

## OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	4	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	100	Changeable Data
OM5.2[1].2	Text	CMP	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	24323-8	Changeable Data
OM5.2[1].5	Alternate Text	Comprehensive metabolic 2000 panel - Serum or Plasma	Changeable Data
OM5.2[1].6	Name of Alternate Coding System	LN	Changeable Data
OM5.2[1].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	200	Changeable Data
OM5.2[2].2	Text	CBC_diff	Changeable Data
OM5.2[2].3	Name of Coding System	99USI	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
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	700	Changeable Data
OM5.2[3].2	Text	TSH	Changeable Data
OM5.2[3].3	Name of Coding System	99USI	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
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
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	99USI	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
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[1]</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[1]</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[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliter	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<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	20130131	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data

OM4.16	Specimen Preference	P	Test Case Fixed Data
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OM4 :

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	4.2	IG Fixed Data
OM4.3[1]	Container Description	Lavender Top (EDTA) tube	Changeable Data
OM4.3[2]	Container Description	Pink Top (K2EDTA) tube	Changeable Data
OM4.4[1]	Container Volume	3.0	Changeable Data
OM4.4[2]	Container Volume	3.0	Changeable Data
OM4.5[1]	Container Units		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliters	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
OM4.5[2]	Container Units		
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
OM4.6	Specimen		
OM4.6.1	Identifier	119297000	Test Case Fixed Data
OM4.6.2	Text	Blood sample	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier	WBLD	Changeable Data
OM4.6.5	Alternate Text	Whole blood	Changeable Data
OM4.6.6	Name of Alternate Coding System	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Whole blood	Changeable Data
OM4.7	Additive		
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
OM4.10	Normal Collection Volume		
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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	CREF	Changeable Data
OM4.15[1].2	Text	Critical refrigerated	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</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[1]</b>	<b>Container Description</b>	Sterile, plastic, leak proof container	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	4	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	[foz_us]	Changeable Data
OM4.5[1].2	Text	fluid ounce (US)	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data

<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	122575003	Test Case Fixed Data
OM4.6.2	Text	Urine specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.4	Alternate Identifier	UR	Changeable Data
OM4.6.5	Alternate Text	Random urine	Changeable Data
OM4.6.6	Name of Alternate Coding System	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Random urine	Changeable Data
<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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<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	1000	Changeable Data
MFE.4.2	Text	Hepatitis A B C Panel_With Reflex	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	5	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	1000	Changeable Data
OM1.2.2	Text	Hepatitis A B C Panel_With Reflex	Changeable Data
OM1.2.3	Name of Coding System	99USI	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	99USI	Changeable Data
<b>OM1.9</b>	<b>Preferred Report Name for the Observation</b>	Hepatitis A B C Panel_With Reflex	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	IG Fixed Data
<b>OM1.34[1]</b>	<b>Reflex Tests/Observations</b>		
OM1.34[1].1	Identifier	1010	Test Case Fixed Data
OM1.34[1].2	Text	Hepatitis C RNA PCR	Test Case Fixed Data
OM1.34[1].3	Name of Coding System	99USI	Test Case Fixed Data
OM1.34[1].4	Alternate Identifier	11011-4	Test Case Fixed Data
OM1.34[1].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[1].6	Name of Alternate Coding System	LN	Test Case Fixed Data

OM1.35[1]	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 (triglyceride 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[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	1001	Changeable Data
OM5.2[1].2	Text	Hepatitis A IgM antibodies (IgM anti-HAV)	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	22314-9	Changeable Data
OM5.2[1].5	Alternate Text	Hepatitis A virus IgM Ab [Presence] in Serum	Changeable Data
OM5.2[1].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	99USI	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
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	1003	Changeable Data
OM5.2[3].2	Text	Hepatitis B core antibodies (anti-HBVc)	Changeable Data
OM5.2[3].3	Name of Coding System	99USI	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-HBVc) Quant	Changeable Data
OM5.2[4].3	Name of Coding System	99USI	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	99USI	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	99USI	Changeable Data
OM5.2[6].4	Alternate Identifier	5195-3	Changeable Data

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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	99USI	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	99USI	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	99USI	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
OM5.2[9].6	Name of Alternate Coding System	LN	Changeable Data
<b>OM5.2[10]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
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	99USI	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
<b>OM4.1</b>	<b>Sequence Number - Test/Observation Master File</b>	5	IG Fixed Data
<b>OM4.3[1]</b>	<b>Container Description</b>	Gold Serum Separator tube	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	5.0	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	mililiter	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<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	20130131	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	4	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	mililiter	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
<b>OM4.11</b>	<b>Minimum Collection Volume</b>		
OM4.11.1	Quantity	2.5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	mililiter	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>	Spin down and remove serum from clot within 6 hours.	Changeable Data
<b>OM4.15[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	FRZ	Changeable Data
OM4.15[1].2	Text	Frozen	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed 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	1300	Changeable Data
MFE.4.2	Text	Arbovirus IgG and IgM Panel (DNG, WNV) in Serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	6	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
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	99USI	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
<b>OM1.4</b>	<b>Specimen Required</b>	N	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	99USI	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	IG Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling	Changeable Data
OM1.40[1]	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	2	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

## OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	6	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	1301	Changeable Data
OM5.2[1].2	Text	Dengue Virus IgG Titer Serum	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	6811-4	Test Case Fixed Data
OM5.2[1].5	Alternate Text	Dengue virus IgG Ab [Titer] in Serum	Changeable Data
OM5.2[1].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	99USI	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
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2[3].1	Identifier	1303	Changeable Data
OM5.2[3].2	Text	WNV IgG Titer Serum	Changeable Data
OM5.2[3].3	Name of Coding System	99USI	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	99USI	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[1]</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[1]</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[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	mililiter	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	mililiter	Changeable Data

OM4.5[2].3	Name of Coding System	UCUM	Changeable Data
OM4.5[2].7	Coding System Version ID	1.8	Changeable Data
<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	20130131	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<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	1200	Changeable Data

MFE.4.2	Text	Creatinine Clearance	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

OM1 :

Location	Data Element	Data	Categorization
<b>OM1.1</b>	<b>Sequence Number - Test/Observation Master File</b>	7	IG Fixed Data
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	1200	Changeable Data
OM1.2.2	Text	Creatinine Clearance	Changeable Data
OM1.2.3	Name of Coding System	99USI	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	99USI	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	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
<b>OM1.9</b>	<b>Preferred Report Name for the Observation</b>	Creatinine Clearance	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	IG Fixed Data
<b>OM1.31[1]</b>	<b>Observations Required to Interpret the Observation</b>		
OM1.31[1].1	Identifier	32624-9	Test Case Fixed Data
OM1.31[1].2	Text	Race	Changeable Data
OM1.31[1].3	Name of Coding System	LN	Changeable Data
<b>OM1.39</b>	<b>Factors that may Affect the Observation</b>	Insufficient specimen, Improper labeling	Changeable Data

OM1.40[1]	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.57[1]	Expected Turn-Around Time		
OM1.57[1].1	Quantity	1	Changeable Data
OM1.57[1].2	Units		
OM1.57[1].2.2	Text	day	Changeable Data

## OM5 :

Location	Data Element	Data	Categorization
OM5.1	Sequence Number - Test/Observation Master File	7	IG Fixed Data
OM5.2[1]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[1].1	Identifier	1904	Changeable Data
OM5.2[1].2	Text	Urine Volume of 24 hour collection	Changeable Data
OM5.2[1].3	Name of Coding System	99USI	Changeable Data
OM5.2[1].4	Alternate Identifier	3167-4	Test Case Fixed Data
OM5.2[1].5	Alternate Text	Volume of 24 hour Urine	Changeable Data
OM5.2[1].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	1201	Changeable Data
OM5.2[2].2	Text	Creatinine Clearance in 24 hours	Changeable Data
OM5.2[2].3	Name of Coding System	99USI	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
OM5.2[3]	Test/Observations Included Within an Ordered Test Battery		
OM5.2[3].1	Identifier	102	Changeable Data
OM5.2[3].2	Text	Creatinine	Changeable Data
OM5.2[3].3	Name of Coding System	99USI	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	99USI	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	99USI	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	99USI	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[1]</b>	<b>Container Description</b>	Sterile, plastic, leak proof container	Changeable Data
<b>OM4.4[1]</b>	<b>Container Volume</b>	2000	Changeable Data
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliter	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.6</b>	<b>Specimen</b>		
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	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	REF	Changeable Data
OM4.15[1].2	Text	Refrigerated temperature	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<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[1]</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[1]</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[1]</b>	<b>Container Units</b>		
OM4.5[1].1	Identifier	mL	Changeable Data
OM4.5[1].2	Text	milliliters	Changeable Data
OM4.5[1].3	Name of Coding System	UCUM	Changeable Data
OM4.5[1].7	Coding System Version ID	1.8	Changeable Data
<b>OM4.5[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	99USI	Changeable Data
OM4.6.7	Coding System Version ID	20130131	Changeable Data
OM4.6.8	Alternate Coding System Version ID	2014	Changeable Data
OM4.6.9	Original Text	Whole blood	Changeable Data
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.1	Identifier	EDTK	Changeable Data
OM4.7.2	Text	Potassium/K EDTA	Changeable Data
OM4.7.3	Name of Coding System	HL70371	Changeable Data
OM4.7.7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	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[1]</b>	<b>Specimen Handling Code</b>		
OM4.15[1].1	Identifier	CREF	Changeable Data
OM4.15[1].2	Text	Critical refrigerated	Changeable Data
OM4.15[1].3	Name of Coding System	HL70376	IG Fixed Data
OM4.15[1].7	Coding System Version ID	2.5.1	Changeable Data
<b>OM4.16</b>	<b>Specimen Preference</b>	P	Test Case Fixed Data

## Test Data Specification

### Master File Identification

Element name	Data
File-Level Event Code	Replace current version of this master file with the version contained in this message

### Battery information [1]

### Master File Entry

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

### General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Comprehensive metabolic 2000 panel - Serum or Plasma
Preferred Short Name or Mnemonic for Observation	CMP
Orderability	Yes
Nature of Service/Test/Observation	P
Observations Required to Interpret the Observation	Fasting status [Presence] - reported
Observations Required to Interpret the Observation	Race
Interpretation of Observations	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 Observation	Insufficient specimen, Gross hemolysis, Improper labeling
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Other Names	CMP
Expected Turn-Around Time	1 day

### Observation batteries

Element name	Data
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Test/Observations Included Within an Ordered Test Battery [1]	Serum Glucose
Test/Observations Included Within an Ordered Test Battery [2]	Blood Urea Nitrogen (BUN)
Test/Observations Included Within an Ordered Test Battery [3]	Creatinine
Test/Observations Included Within an Ordered Test Battery [4]	BUN/Creatinine Ratio
Test/Observations Included Within an Ordered Test Battery [5]	GFR, calculated
Test/Observations Included Within an Ordered Test Battery [6]	Calcium
Test/Observations Included Within an Ordered Test Battery [7]	Total protein, serum
Test/Observations Included Within an Ordered Test Battery [8]	Albumin
Test/Observations Included Within an Ordered Test Battery [9]	Globulin
Test/Observations Included Within an Ordered Test Battery [10]	Albumin/globulin ratio
Test/Observations Included Within an Ordered Test Battery [11]	Total bilirubin, serum
Test/Observations Included Within an Ordered Test Battery [12]	Alkaline phosphatase (ALP)
Test/Observations Included Within an Ordered Test Battery [13]	Alanine aminotransferase (ALT)
Test/Observations Included Within an Ordered Test Battery [14]	Aspartate aminotransferase (ASP)
Test/Observations Included Within an Ordered Test Battery [15]	Sodium, serum
Test/Observations Included Within an Ordered Test Battery [16]	Potassium, serum
Test/Observations Included Within an Ordered Test Battery [17]	Chloride, serum
Test/Observations Included Within an Ordered Test Battery [18]	Carbon dioxide, serum
Test/Observations Included Within an Ordered Test Battery [19]	Anion gap

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	1
Container Description	Gold Serum Separator tube
Container Description	Red, No Additive tube
Container Volume	5.0
Container Volume	5.0
Container Units	milliliter
Container Units	milliliter
Specimen	Serum specimen
Normal Collection Volume	1 milliliter
Minimum Collection Volume	0.5 milliliter
Specimen Requirements	Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

Battery information [2]

Master File Entry

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

## General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Urinalysis panel - Urine by Auto
Preferred Report Name for the Observation	Comprehensive Urinalysis
Orderability	Yes
Nature of Service/Test/Observation	P
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 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 Observation	Insufficient specimen, improper labeling, presence of preservatives, fecal contamination, bacterial overgrowth. Delay in transport.
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Expected Turn-Around Time	1 day

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	Color of Urine
Test/Observations Included Within an Ordered Test Battery [2]	Clarity of Urine
Test/Observations Included Within an Ordered Test Battery [3]	Erythrocytes, urine
Test/Observations Included Within an Ordered Test Battery [4]	Leukocytes, urine
Test/Observations Included Within an Ordered Test Battery [5]	Leukocyte clumps, urine
Test/Observations Included Within an Ordered Test Battery [6]	Non-squamous epithelial cells. , urine

Test/Observations Included Within an Ordered Test Battery [7]	Squamous epithelial cells. , urine
Test/Observations Included Within an Ordered Test Battery [8]	Bacteria, urine
Test/Observations Included Within an Ordered Test Battery [9]	Crystals , urine
Test/Observations Included Within an Ordered Test Battery [10]	Hyaline casts
Test/Observations Included Within an Ordered Test Battery [11]	Casts
Test/Observations Included Within an Ordered Test Battery [12]	Spermatozoa, urine
Test/Observations Included Within an Ordered Test Battery [13]	Mucus,urine
Test/Observations Included Within an Ordered Test Battery [14]	Total bilirubin,urine
Test/Observations Included Within an Ordered Test Battery [15]	Glucose, urine
Test/Observations Included Within an Ordered Test Battery [16]	Hemoglobin, urine
Test/Observations Included Within an Ordered Test Battery [17]	Ketones , urine
Test/Observations Included Within an Ordered Test Battery [18]	Leukocyte esterase, urine
Test/Observations Included Within an Ordered Test Battery [19]	Nitrite, urine
Test/Observations Included Within an Ordered Test Battery [20]	Urine pH
Test/Observations Included Within an Ordered Test Battery [21]	Protein, urine
Test/Observations Included Within an Ordered Test Battery [22]	Urobilinogen
Test/Observations Included Within an Ordered Test Battery [23]	Urine specific gravity

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	2
Container Description	Sterile, plastic, leak proof container
Container Volume	4
Container Units	fluid ounce (US)
Specimen	Urine specimen
Normal Collection Volume	20 milliliter
Minimum Collection Volume	4 milliliter
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

## Battery information [3]

## Master File Entry

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

## General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	CBC W Auto Differential panel in Blood
Preferred Report Name for the Observation	Complete Blood Count
Orderability	Yes
Nature of Service/Test/Observation	P
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.
Factors that may Affect the Observation	Insufficient specimen, Improper labeling, improper tube, clotted specimen, hemolyzed sample, dilution of blood.
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Prior Results Instructions	Send prior results for CBC in past 60 days
Expected Turn-Around Time	1 day

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	Erythrocytes, blood
Test/Observations Included Within an Ordered Test Battery [2]	Hemoglobin (Hb)
Test/Observations Included Within an Ordered Test Battery [3]	Hematocrit
Test/Observations Included Within an Ordered Test Battery [4]	Leukocytes, blood
Test/Observations Included Within an Ordered Test Battery [5]	Platelets
Test/Observations Included Within an Ordered Test Battery [6]	Mean corpuscular volume (MCV)
Test/Observations Included Within an Ordered Test Battery [7]	Mean corpuscular hemoglobin (MCH)
Test/Observations Included Within an Ordered Test Battery [8]	Mean corpuscular hemoglobin Concentration (MCHC)
Test/Observations Included Within an Ordered Test Battery [9]	Red blood cell distribution width (RDW )
Test/Observations Included Within an Ordered Test Battery [10]	Basophils
Test/Observations Included Within an Ordered Test Battery [11]	% Basophils
Test/Observations Included Within an Ordered Test Battery [12]	Monocytes
Test/Observations Included Within an Ordered Test Battery [13]	% Monocytes
Test/Observations Included Within an Ordered Test Battery [14]	Eosinophils
Test/Observations Included Within an Ordered Test Battery [15]	% Eosinophils
Test/Observations Included Within an Ordered Test Battery [16]	Lymphocytes
Test/Observations Included Within an Ordered Test Battery [17]	% Lymphocytes
Test/Observations Included Within an Ordered Test Battery [18]	Neutrophils
Test/Observations Included Within an Ordered Test Battery [19]	% Neutrophils

Test/Observations Included Within an Ordered Test Battery [20]	Anisocytosis
Test/Observations Included Within an Ordered Test Battery [21]	Hypochromia
Test/Observations Included Within an Ordered Test Battery [22]	Macrocytosis
Test/Observations Included Within an Ordered Test Battery [23]	Microcytosis
Test/Observations Included Within an Ordered Test Battery [24]	Poikilocytosis
Test/Observations Included Within an Ordered Test Battery [25]	Polychromasia
Test/Observations Included Within an Ordered Test Battery [26]	RBC morphology
Test/Observations Included Within an Ordered Test Battery [27]	WBC morphology
Test/Observations Included Within an Ordered Test Battery [28]	Platelet morphology

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	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	milliliters
Specimen	Blood sample
Additive	Potassium/K EDTA
Normal Collection Volume	3 milliliters
Minimum Collection Volume	0.5 milliliters
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 Preference	Preferred

## Battery information [4]

## Master File Entry

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

## General Segment

Element name	Data
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Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Preferred Report Name for the Observation	General Health Profile
Orderability	Yes
Nature of Service/Test/Observation	S
Observations Required to Interpret the Observation	Fasting status [Presence] - reported
Observations Required to Interpret the Observation	Race
Interpretation of Observations	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 Observation	Insufficient specimen, Gross hemolysis, Improper labeling
Service/Test/Observation Performance Schedule	Daily
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Expected Turn-Around Time	1 day

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	CMP
Test/Observations Included Within an Ordered Test Battery [2]	CBC_diff
Test/Observations Included Within an Ordered Test Battery [3]	TSH
Test/Observations Included Within an Ordered Test Battery [4]	Comprehensive Urinalysis

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	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	milliliter
Specimen	Serum specimen
Normal Collection Volume	1 milliliter
Minimum Collection Volume	0.5 milliliter
Specimen Requirements	Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.
Specimen Handling Code	Refrigerated temperature



Specimen Preference	Preferred
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## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	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	milliliters
Specimen	Blood sample
Additive	Potassium/K EDTA
Normal Collection Volume	3 milliliters
Minimum Collection Volume	0.5 milliliters
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 Preference	Preferred

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	4.3
Container Description	Sterile, plastic, leak proof container
Container Volume	4
Container Units	fluid ounce (US)
Specimen	Urine specimen
Normal Collection Volume	20 milliliter
Minimum Collection Volume	4 milliliter
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

## Battery information [5]

## Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file

Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Hepatitis A B C Panel_With Reflex

## General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Preferred Report Name for the Observation	Hepatitis A B C Panel_With Reflex
Orderability	Yes
Nature of Service/Test/Observation	P
Reflex Tests/Observations	Hepatitis C RNA PCR
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.
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 (triglyceride level of >3,000 mg/dL) -Grossly hemolyzed (hemoglobin level of >500 mg/dL) -Presence of particulate matter -Cadaveric specimen

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	Hepatitis A IgM antibodies (IgM anti-HAV)
Test/Observations Included Within an Ordered Test Battery [2]	Hepatitis A antibodies (anti-HAV)
Test/Observations Included Within an Ordered Test Battery [3]	Hepatitis B core antibodies (anti-HBc)
Test/Observations Included Within an Ordered Test Battery [4]	Hepatitis B core antibodies (anti-HBc) Quant
Test/Observations Included Within an Ordered Test Battery [5]	Hepatitis B e antibodies (anti-HBe)
Test/Observations Included Within an Ordered Test Battery [6]	Hepatitis B surface antigen (HBsAg)
Test/Observations Included Within an Ordered Test Battery [7]	Hepatitis B surface antibody (anti-HBs)
Test/Observations Included Within an Ordered Test Battery [8]	Hepatitis C antibody screen (anti-HCV)
Test/Observations Included Within an Ordered Test Battery [9]	Hepatitis C antibodies Signal to Cut-off Ratio
Test/Observations Included Within an Ordered Test Battery [10]	Hepatitis C RNA PCR

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	5
Container Description	Gold Serum Separator tube
Container Volume	5.0
Container Units	milliliter
Specimen	Serum specimen

Normal Collection Volume	4 mililiter
Minimum Collection Volume	2.5 mililiter
Specimen Requirements	Spin down and remove serum from clot within 6 hours.
Specimen Handling Code	Frozen
Specimen Preference	Preferred

## Battery information [6]

## Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Arbovirus IgG and IgM Panel (DNG, WNV) in Serum

## General Segment

Element name	Data
Specimen Required	No
Producer ID	Century Hospital Clinical Laboratory
Preferred Report Name for the Observation	Arbovirus Panel for Dengue, West Nile Virus
Orderability	Yes
Nature of Service/Test/Observation	P
Factors that may Affect the Observation	Insufficient specimen, Improper labeling
Service/Test/Observation Performance Schedule	Monday through Friday
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Expected Turn-Around Time	2 day

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	Dengue Virus IgG Titer Serum
Test/Observations Included Within an Ordered Test Battery [2]	Dengue Virus IgM Titer Serum
Test/Observations Included Within an Ordered Test Battery [3]	WNV IgG Titer Serum
Test/Observations Included Within an Ordered Test Battery [4]	WNV Virus IgM Titer Serum

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	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	milliliter
Specimen	Serum specimen
Normal Collection Volume	1 milliliter
Minimum Collection Volume	0.5 milliliter
Specimen Requirements	Protect from light. Allow serum tube to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 30 minutes of collection.
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

## Battery information [7]

## Master File Entry

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

## General Segment

Element name	Data
Specimen Required	Yes
Producer ID	Century Hospital Clinical Laboratory
Other Service/Test/Observation IDs for the Observation	Creatinine 24H renal clearance panel
Preferred Report Name for the Observation	Creatinine Clearance
Orderability	Yes
Nature of Service/Test/Observation	P
Observations Required to Interpret the Observation	Race
Factors that may Affect the Observation	Insufficient specimen, Improper labeling
Service/Test/Observation Performance Schedule	Monday through Friday
Exclusive Test	This test can be included with any number of other tests
Diagnostic Service Sector ID	Laboratory
Expected Turn-Around Time	1 day

## Observation batteries

Element name	Data
Test/Observations Included Within an Ordered Test Battery [1]	Urine Volume of 24 hour collection
Test/Observations Included Within an Ordered Test Battery [2]	Creatinine Clearance in 24 hours

Test/Observations Included Within an Ordered Test Battery [3]	Creatinine
Test/Observations Included Within an Ordered Test Battery [4]	GFR, calculated
Test/Observations Included Within an Ordered Test Battery [5]	Creatinine in 24 hr Urine
Test/Observations Included Within an Ordered Test Battery [6]	What is the Clinically Relevant Race?

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	7.1
Container Description	Sterile, plastic, leak proof container
Container Volume	2000
Container Units	milliliter
Specimen	Urine specimen
Normal Collection Volume	20 milliliter
Minimum Collection Volume	4 milliliter
Specimen Requirements	Keep refrigerated
Specimen Handling Code	Refrigerated temperature
Specimen Preference	Preferred

## Observations that Require Specimens

Element name	Data
Sequence Number - Test/Observation Master File	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	milliliters
Specimen	Blood sample
Additive	Potassium/K EDTA
Normal Collection Volume	3 milliliters
Minimum Collection Volume	0.5 milliliters
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 Preference	Preferred