

# **NIST HL7 V2 Validation Tool Test Data**

## **Electronic Directory Of Service (eDOS)**

**Version 1.0**

**13th March, 2015**

# **eDOS Test Case EDOS\_1.0\_3.1-M04\_NG**

**M04\_New**

## Test Story

### Description

The originator of the eDOS is the Century Hospital Clinical Laboratory located at 2070 Test Park, Los Angeles, CA, 90067, CLIA: 24D9871327 , phone number: (310) 461-3666.

The Sender is the Century Hospital Clinical Laboratory LIS.

The Receiver is Dr. Radon's Office EHR.

The initial Laboratory Test Compendium build from Century Hospital Clinical Laboratory is a subset of their Directory of Services. It based upon the most commonly ordered lab tests by Dr. Radon. This compendium is delivered electronically to Dr. Nicholas Radon's practice EHR, as agreed to between Laboratory and Dr. Radon's Office and EHR Vendor. The EHR will integrate the eDOS into its test directory and use it to allow Dr. Radon to place orders electronically to Century Hospital's Clinical Laboratory. The initial laboratory test compendium is composed of three messages. After Century Hospital's LIS successfully transmits the first and second messages which provides information about each individual observation and each orderable battery or profile, it sends the third message which provides information about CPT procedure codes for each orderable panel and individual observation.

### Comments

Initial upload of charge codes (CPT codes) for orderable tests and panels for a new compendium.

Since this is a replace message, all data in this message will replace information from a previous eDOS M04 message

### PreCondition

EDOS\_1.0\_1.1-M08\_New  
and  
EDOS\_1.0\_2.1-M10\_New  
have been uploaded.

### PostCondition

No Post-Conditions.

### TestObjectives

- Demonstrate capability to support a MO4 initial load message for panels and atomic tests.
- Demonstrate capability to support all supported data elements, including repeating fields in the CDM segment.
- Demonstrate capability to support a NTE segment.

### Notes to Testers

No Notes.

## Message Content Data Sheet

### Test Case Information

EDOS_1.0_3.1-M04-NG - M04_New	
Test Case ID	EDOS_1.0_3.1-M04_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	M04	IG Fixed Data
MSH.9.3	Message Structure	MFN_M04	IG Fixed Data
MSH.10	Message Control ID	EDOS_1.0_3.1-M04-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	CDM	IG Fixed Data
MFI.1.2	Text	Charge description 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

NTE :

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	Changeable Data
<b>NTE.3[1]</b>	<b>Comment</b>	Remark	Changeable 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	500	Changeable Data
MFE.4.2	Text	Erythrocyte sedimentation rate	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

NTE :

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	Changeable Data
NTE.3[1]	Comment	Remark	Changeable Data

CDM :

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	500	Test Case Fixed Data
CDM.1.2	Text	Erythrocyte sedimentation rate	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	Erythrocyte sedimentation rate	Changeable Data
CDM.7[1]	Procedure Code		
CDM.7[1].1	Identifier	85652	Changeable Data
CDM.7[1].2	Text	Sedimentation rate, erythrocyte; automated	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

NTE :

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	Changeable Data
NTE.3[1]	Comment	Remark	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	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

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	100	Test Case Fixed Data
CDM.1.2	Text	CMP	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	CMP	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	80053	Changeable Data
CDM.7[1].2	Text	Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	200	Test Case Fixed Data
CDM.1.2	Text	CBC_diff	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	CBC_diff	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	85025	Changeable Data
CDM.7[1].2	Text	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[2]</b>	<b>Procedure Code</b>		
CDM.7[2].1	Identifier	85007	Changeable Data
CDM.7[2].2	Text	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT	Changeable Data
CDM.7[2].3	Name of Coding System	C4	IG Fixed Data
CDM.7[2].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[3]</b>	<b>Procedure Code</b>		
CDM.7[3].1	Identifier	85060	Changeable Data
CDM.7[3].2	Text	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT	Changeable Data
CDM.7[3].3	Name of Coding System	C4	IG Fixed Data
CDM.7[3].7	Coding System Version ID	19.2	Changeable Data

NTE :

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	Changeable Data
NTE.3[1]	Comment	CPT Code Information: 85007-"Blood count; blood smear, microscopic examination with manual differential WBC count" and 85060-"Blood smear, peripheral, interpretation by physician with written report" are billed if appropriate depending on results of CBC.	Changeable Data

## MFE :

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	202	Changeable Data
MFE.4.2	Text	Erythrocytes, blood	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

## CDM :

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	202	Test Case Fixed Data
CDM.1.2	Text	Erythrocytes, blood	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	Erythrocytes, blood	Changeable Data
CDM.7[1]	Procedure Code		
CDM.7[1].1	Identifier	85032	Changeable Data
CDM.7[1].2	Text	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	204	Changeable Data
MFE.4.2	Text	Hematocrit	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	204	Test Case Fixed Data
CDM.1.2	Text	Hematocrit	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Hematocrit	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	85014	Changeable Data
CDM.7[1].2	Text	blood count; hematocrit (hct)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	206	Changeable Data

MFE.4.2	Text	Leukocytes, blood	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	206	Test Case Fixed Data
CDM.1.2	Text	Leukocytes, blood	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Leukocytes, blood	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	85048	Changeable Data
CDM.7[1].2	Text	blood count; leukocyte (wbc), automated	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	208	Changeable Data
MFE.4.2	Text	Platelets	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

CDM :

Location	Data Element	Data	Categorization
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<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	208	Test Case Fixed Data
CDM.1.2	Text	Platelets	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Platelets	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	85025	Changeable Data
CDM.7[1].2	Text	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	312	Changeable Data
MFE.4.2	Text	Crystals , urine	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

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	312	Test Case Fixed Data
CDM.1.2	Text	Crystals , urine	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Crystals , urine	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	81005	Changeable Data

CDM.7[1].2	Text	urinalysis; qualitative or semiquantitative, except immunoassays	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	328	Changeable Data
MFE.4.2	Text	Hemoglobin, urine	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	328	Test Case Fixed Data
CDM.1.2	Text	Hemoglobin, urine	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Hemoglobin, urine	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	83069	Changeable Data
CDM.7[1].2	Text	Hemoglobin; urine	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

MFE :

Location	Data Element	Data	Categorization
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<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	336	Changeable Data
MFE.4.2	Text	Urine pH	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

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	336	Test Case Fixed Data
CDM.1.2	Text	Urine pH	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Urine pH	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	83986	Changeable Data
CDM.7[1].2	Text	ph; body fluid, not otherwise specified	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	338	Changeable Data
MFE.4.2	Text	Protein, urine	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	338	Test Case Fixed Data
CDM.1.2	Text	Protein, urine	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Protein, urine	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84156	Changeable Data
CDM.7[1].2	Text	protein, total, except by refractometry; urine	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	342	Changeable Data
MFE.4.2	Text	Urine specific gravity	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	342	Test Case Fixed Data
CDM.1.2	Text	Urine specific gravity	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data



<b>CDM.3</b>	<b>Charge Description Short</b>	Urine specific gravity	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	81003	Changeable Data
CDM.7[1].2	Text	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WTHT MCRSCPY	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	104	Changeable Data
MFE.4.2	Text	Serum Glucose	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

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	104	Test Case Fixed Data
CDM.1.2	Text	Serum Glucose	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Serum Glucose	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82947	Changeable Data
CDM.7[1].2	Text	glucose; quantitative, blood (except reagent strip)	Changeable Data

CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	106	Changeable Data
MFE.4.2	Text	Blood Urea Nitrogen (BUN)	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	106	Test Case Fixed Data
CDM.1.2	Text	Blood Urea Nitrogen (BUN)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Blood Urea Nitrogen (BUN)	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84520	Changeable Data
CDM.7[1].2	Text	urea nitrogen; quantitative	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	102	Changeable Data
MFE.4.2	Text	Creatinine	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	102	Test Case Fixed Data
CDM.1.2	Text	Creatinine	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Creatinine	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82565	Changeable Data
CDM.7[1].2	Text	creatinine; blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	112	Changeable Data
MFE.4.2	Text	Calcium	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	112	Test Case Fixed Data
CDM.1.2	Text	Calcium	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Calcium	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82310	Changeable Data
CDM.7[1].2	Text	calcium; total	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	114	Changeable Data
MFE.4.2	Text	Total protein, 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	114	Test Case Fixed Data
CDM.1.2	Text	Total protein, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Total protein, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84155	Changeable Data

CDM.7[1].2	Text	protein, total, except by refractometry; serum, plasma or whole blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	116	Changeable Data
MFE.4.2	Text	Albumin	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	116	Test Case Fixed Data
CDM.1.2	Text	Albumin	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Albumin	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82040	Changeable Data
CDM.7[1].2	Text	albumin; serum, plasma or whole blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

MFE :

Location	Data Element	Data	Categorization
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<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	122	Changeable Data
MFE.4.2	Text	Total bilirubin, 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

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	122	Test Case Fixed Data
CDM.1.2	Text	Total bilirubin, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Total bilirubin, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82247	Changeable Data
CDM.7[1].2	Text	bilirubin; total	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	124	Changeable Data
MFE.4.2	Text	Alkaline phosphatase (ALP)	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	124	Test Case Fixed Data
CDM.1.2	Text	Alkaline phosphatase (ALP)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Alkaline phosphatase (ALP)	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84075	Changeable Data
CDM.7[1].2	Text	Phosphatase, alkaline	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	126	Changeable Data
MFE.4.2	Text	Alanine aminotransferase (ALT)	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	126	Test Case Fixed Data
CDM.1.2	Text	Alanine aminotransferase (ALT)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Alanine aminotransferase (ALT)	Changeable Data

CDM.7[1]	Procedure Code		
CDM.7[1].1	Identifier	84460	Changeable Data
CDM.7[1].2	Text	transferase; alanine amino (alt) (sgpt)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

MFE :

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	128	Changeable Data
MFE.4.2	Text	Aspartate aminotransferase (ASP)	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM :

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	128	Test Case Fixed Data
CDM.1.2	Text	Aspartate aminotransferase (ASP)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	Aspartate aminotransferase (ASP)	Changeable Data
CDM.7[1]	Procedure Code		
CDM.7[1].1	Identifier	84450	Changeable Data
CDM.7[1].2	Text	transferase; aspartate amino (ast) (sgot)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	130	Changeable Data
MFE.4.2	Text	Sodium, 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	130	Test Case Fixed Data
CDM.1.2	Text	Sodium, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Sodium, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84295	Changeable Data
CDM.7[1].2	Text	sodium; serum, plasma or whole blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	132	Changeable Data
MFE.4.2	Text	Potassium, 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	132	Test Case Fixed Data
CDM.1.2	Text	Potassium, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Potassium, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84132	Changeable Data
CDM.7[1].2	Text	potassium; serum, plasma or whole blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	134	Changeable Data
MFE.4.2	Text	Chloride, 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		

CDM.1.1	Identifier	134	Test Case Fixed Data
CDM.1.2	Text	Chloride, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Chloride, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82435	Changeable Data
CDM.7[1].2	Text	chloride; blood	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	136	Changeable Data
MFE.4.2	Text	Carbon dioxide, 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	136	Test Case Fixed Data
CDM.1.2	Text	Carbon dioxide, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Carbon dioxide, serum	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82374	Changeable Data
CDM.7[1].2	Text	carbon dioxide (bicarbonate)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	140	Changeable Data
MFE.4.2	Text	Gamma-Glutamyltransferase (GGT)	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	140	Test Case Fixed Data
CDM.1.2	Text	Gamma-Glutamyltransferase (GGT)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Gamma-Glutamyltransferase (GGT)	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	82977	Changeable Data
CDM.7[1].2	Text	glutamyltransferase, gamma (ggt)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	202	Changeable Data
MFE.4.2	Text	Erythrocytes, blood	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	202	Test Case Fixed Data
CDM.1.2	Text	Erythrocytes, blood	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Erythrocytes, blood	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	85032	Changeable Data
CDM.7[1].2	Text	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	400	Changeable Data
MFE.4.2	Text	Lipid Panel	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	400	Test Case Fixed Data
CDM.1.2	Text	Lipid Panel	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Lipid Panel	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	80061	Changeable Data
CDM.7[1].2	Text	Lipid panel This panel must include the following: Cholesterol, serum, total (82465) Lipoprotein, direct measurement, high density cholesterol (HDL cholesterol) (83718) Triglycerides (84478)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	600	Changeable Data
MFE.4.2	Text	Prostate Biopsy Pathology Report	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	600	Test Case Fixed Data

CDM.1.2	Text	Prostate Biopsy Pathology Report	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Prostate Biopsy Pathology Report	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	88305	Changeable Data
CDM.7[1].2	Text	Tissue exam by Pathologist	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

NTE :

Location	Data Element	Data	Categorization
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	Changeable Data
<b>NTE.3[1]</b>	<b>Comment</b>	88305-"Tissue exam by Pathologist" will be billed for each specimen submitted.	Changeable 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	700	Changeable Data
MFE.4.2	Text	TSH	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	700	Test Case Fixed Data

CDM.1.2	Text	TSH	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Thyroid Stimulating Hormone (TSH)	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	84443	Changeable Data
CDM.7[1].2	Text	Thyroid Stimulating Hormone (TSH)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	610	Changeable Data
MFE.4.2	Text	Pap Test	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

## NTE :

Location	Data Element	Data	Categorization
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	Changeable Data
<b>NTE.3[1]</b>	<b>Comment</b>	CPT Code Information: if reviewed by pathologist add 88141	Changeable Data

## CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	610	Changeable Data



CDM.1.2	Text	Pap Test	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Pap Test	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	88142	Changeable Data
CDM.7[1].2	Text	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thinlayer preparation;manual screening under physician supervision.	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
<b>CDM.7[2]</b>	<b>Procedure Code</b>		
CDM.7[2].1	Identifier	88141	Changeable Data
CDM.7[2].2	Text	Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician	Changeable Data
CDM.7[2].3	Name of Coding System	C4	IG 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	1010	Changeable Data
MFE.4.2	Text	Hepatitis C RNA PCR	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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	1010	Test Case Fixed Data
CDM.1.2	Text	Hepatitis C RNA PCR	Changeable Data

CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Hepatitis C RNA PCR	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	87522	Changeable Data
CDM.7[1].2	Text	Hepatitis C Viral RNA, Quantitative, Real-Time PCR	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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

CDM :

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	1000	Test Case Fixed Data
CDM.1.2	Text	Hepatitis A B C Panel_With Reflex	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Hepatitis A B C Panel_With Reflex	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	80074	Changeable Data
CDM.7[1].2	Text	Acute Hepatitis panel	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data

CDM.7[1].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[2]</b>	<b>Procedure Code</b>		
CDM.7[2].1	Identifier	86704	Changeable Data
CDM.7[2].2	Text	Hepatitis A Antibody, Total	Changeable Data
CDM.7[2].3	Name of Coding System	C4	IG Fixed Data
CDM.7[2].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[3]</b>	<b>Procedure Code</b>		
CDM.7[3].1	Identifier	86706	Changeable Data
CDM.7[3].2	Text	Hepatitis B Surface Antibody	Changeable Data
CDM.7[3].3	Name of Coding System	C4	IG Fixed Data
CDM.7[3].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[4]</b>	<b>Procedure Code</b>		
CDM.7[4].1	Identifier	86708	Changeable Data
CDM.7[4].2	Text	Qualitative; Hepatitis B Surface Antigen	Changeable Data
CDM.7[4].3	Name of Coding System	C4	IG Fixed Data
CDM.7[4].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[5]</b>	<b>Procedure Code</b>		
CDM.7[5].1	Identifier	86803	Changeable Data
CDM.7[5].2	Text	Hepatitis B Core Antibody, Total	Changeable Data
CDM.7[5].3	Name of Coding System	C4	IG Fixed Data
CDM.7[5].7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[6]</b>	<b>Procedure Code</b>		
CDM.7[6].1	Identifier	87340	Changeable Data
CDM.7[6].2	Text	Hepatitis C Antibody	Changeable Data
CDM.7[6].3	Name of Coding System	C4	IG Fixed Data
CDM.7[6].7	Coding System Version ID	19.2	Changeable 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	1506	Changeable Data
MFE.4.2	Text	Penicillin	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
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CDM :

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	1506	Test Case Fixed Data
CDM.1.2	Text	Penicillin	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	Stool Culture with Susceptibility Reflex	Changeable Data
<b>CDM.7[1]</b>	<b>Procedure Code</b>		
CDM.7[1].1	Identifier	87181	Changeable Data
CDM.7[1].2	Text	Susceptibility studies, antimicrobial agent; agar diffusion method, per agent	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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

### Notes

Element name	Data
Set id	1
Comment	Remark

### Charge description 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	Erythrocyte sedimentation rate

### Notes

Element name	Data
Set id	1
Comment	Remark

### Charge description

Element name	Data
Charge Description Short	Erythrocyte sedimentation rate
Procedure Code [1]	Sedimentation rate, erythrocyte; automated

### Notes

Element name	Data
Set id	1
Comment	Remark

### Charge description 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	CMP

## Charge description

Element name	Data
Charge Description Short	CMP
Procedure Code [1]	Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)

## Charge description 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

## Charge description

Element name	Data
Charge Description Short	CBC_diff
Procedure Code [1]	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count
Procedure Code [2]	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT
Procedure Code [3]	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT

## Notes

Element name	Data
Set id	1

Comment	CPT Code Information: 85007-"Blood count; blood smear, microscopic examination with manual differential WBC count" and 85060-"Blood smear, peripheral, interpretation by physician with written report" are billed if appropriate depending on results of CBC.
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## Charge description 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	Erythrocytes, blood

## Charge description

Element name	Data
Charge Description Short	Erythrocytes, blood
Procedure Code [1]	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each

## Charge description 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	Hematocrit

## Charge description

Element name	Data
Charge Description Short	Hematocrit
Procedure Code [1]	blood count; hematocrit (hct)

## Charge description 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	Leukocytes, blood

## Charge description

Element name	Data
Charge Description Short	Leukocytes, blood
Procedure Code [1]	blood count; leukocyte (wbc), automated

## Charge description 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	Platelets

## Charge description

Element name	Data
Charge Description Short	Platelets
Procedure Code [1]	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count

## Charge description information [8]

## 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	Crystals , urine

## Charge description

Element name	Data
Charge Description Short	Crystals , urine
Procedure Code [1]	urinalysis; qualitative or semiquantitative, except immunoassays

## Charge description information [9]

## 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	Hemoglobin, urine



## Charge description

Element name	Data
Charge Description Short	Hemoglobin, urine
Procedure Code [1]	Hemoglobin; urine

## Charge description information [10]

## 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	Urine pH

## Charge description

Element name	Data
Charge Description Short	Urine pH
Procedure Code [1]	ph; body fluid, not otherwise specified

## Charge description information [11]

## 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	Protein, urine

## Charge description

Element name	Data
Charge Description Short	Protein, urine
Procedure Code [1]	protein, total, except by refractometry; urine

## Charge description information [12]

## 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	Urine specific gravity

## Charge description

Element name	Data
Charge Description Short	Urine specific gravity
Procedure Code [1]	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WTHT MCRSCPY

## Charge description information [13]

## 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	Serum Glucose

## Charge description

Element name	Data
Charge Description Short	Serum Glucose
Procedure Code [1]	glucose; quantitative, blood (except reagent strip)

## Charge description information [14]

## 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	Blood Urea Nitrogen (BUN)

## Charge description

Element name	Data
Charge Description Short	Blood Urea Nitrogen (BUN)
Procedure Code [1]	urea nitrogen; quantitative

## Charge description information [15]

## 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
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## Charge description

Element name	Data
Charge Description Short	Creatinine
Procedure Code [1]	creatinine; blood

## Charge description information [16]

## 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	Calcium

## Charge description

Element name	Data
Charge Description Short	Calcium
Procedure Code [1]	calcium; total

## Charge description information [17]

## 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	Total protein, serum

## Charge description

Element name	Data
Charge Description Short	Total protein, serum
Procedure Code [1]	protein, total, except by refractometry; serum, plasma or whole blood

## Charge description information [18]

## 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	Albumin

## Charge description

Element name	Data
Charge Description Short	Albumin
Procedure Code [1]	albumin; serum, plasma or whole blood

## Charge description information [19]

## 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	Total bilirubin, serum

## Charge description

Element name	Data
Charge Description Short	Total bilirubin, serum
Procedure Code [1]	bilirubin; total

## Charge description information [20]

## 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	Alkaline phosphatase (ALP)

## Charge description

Element name	Data
Charge Description Short	Alkaline phosphatase (ALP)
Procedure Code [1]	Phosphatase, alkaline

## Charge description information [21]

## 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	Alanine aminotransferase (ALT)

## Charge description

Element name	Data
Charge Description Short	Alanine aminotransferase (ALT)
Procedure Code [1]	transferase; alanine amino (alt) (sgpt)

## Charge description information [22]

## 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	Aspartate aminotransferase (ASP)

## Charge description

Element name	Data
Charge Description Short	Aspartate aminotransferase (ASP)
Procedure Code [1]	transferase; aspartate amino (ast) (sgot)

## Charge description information [23]

## 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	Sodium, serum

## Charge description

Element name	Data
Charge Description Short	Sodium, serum
Procedure Code [1]	sodium; serum, plasma or whole blood

## Charge description information [24]

## 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	Potassium, serum

## Charge description

Element name	Data
Charge Description Short	Potassium, serum
Procedure Code [1]	potassium; serum, plasma or whole blood

## Charge description information [25]

## 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	Chloride, serum

## Charge description

Element name	Data
Charge Description Short	Chloride, serum
Procedure Code [1]	chloride; blood

## Charge description information [26]

## 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	Carbon dioxide, serum

## Charge description

Element name	Data
Charge Description Short	Carbon dioxide, serum
Procedure Code [1]	carbon dioxide (bicarbonate)

## Charge description information [27]

## 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	Gamma-Glutamyltransferase (GGT)

## Charge description

Element name	Data
Charge Description Short	Gamma-Glutamyltransferase (GGT)
Procedure Code [1]	glutamyltransferase, gamma (ggt)

## Charge description information [28]

## 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	Erythrocytes, blood

## Charge description

Element name	Data
Charge Description Short	Erythrocytes, blood
Procedure Code [1]	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each

## Charge description information [29]

## 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	Lipid Panel

## Charge description

Element name	Data
Charge Description Short	Lipid Panel
Procedure Code [1]	Lipid panel This panel must include the following: Cholesterol, serum, total (82465) Lipoprotein, direct measurement, high density cholesterol (HDL cholesterol) (83718) Triglycerides (84478)

## Charge description information [30]

## Master File Entry

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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	Prostate Biopsy Pathology Report

## Charge description

Element name	Data
Charge Description Short	Prostate Biopsy Pathology Report
Procedure Code [1]	Tissue exam by Pathologist

## Notes

Element name	Data
Set id	1
Comment	88305-"Tissue exam by Pathologist" will be billed for each specimen submitted.

## Charge description information [31]

## 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	TSH

## Charge description

Element name	Data
Charge Description Short	Thyroid Stimulating Hormone (TSH)
Procedure Code [1]	Thyroid Stimulating Hormone (TSH)

## Charge description information [32]

## 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	Pap Test

## Notes

Element name	Data
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Set id	1
Comment	CPT Code Information: if reviewed by pathologist add 88141

## Charge description

Element name	Data
Charge Description Short	Pap Test
Procedure Code [1]	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thinlayer preparation;manual screening under physician supervision.
Procedure Code [2]	Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician

## Charge description information [33]

## 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 C RNA PCR

## Charge description

Element name	Data
Charge Description Short	Hepatitis C RNA PCR
Procedure Code [1]	Hepatitis C Viral RNA, Quantitative, Real-Time PCR

## Charge description information [34]

## 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

## Charge description

Element name	Data
Charge Description Short	Hepatitis A B C Panel_ With Reflex
Procedure Code [1]	Acute Hepatitis panel
Procedure Code [2]	Hepatitis A Antibody, Total
Procedure Code [3]	Hepatitis B Surface Antibody
Procedure Code [4]	Qualitative; Hepatitis B Surface Antigen

Procedure Code [5]	Hepatitis B Core Antibody, Total
Procedure Code [6]	Hepatitis C Antibody

Charge description information [35]

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	Penicillin

Charge description

Element name	Data
Charge Description Short	Stool Culture with Susceptibility Reflex
Procedure Code [1]	Susceptibility studies, antimicrobial agent; agar diffusion method, per agent

## HL7 Message

MSH|^~\&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M04^MFN\_M04|EDOS\_1.0\_3.1-M04-NG|T|2.5.1||AL|NE||||EDOS\_Common\_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS\_NG\_Component^EDOS NG Profile^2.16.840.1.113883.9.69^ISO

MFI|CDM^Charge description master file^HL70175^^^^2.5.1||REP||NE

NTE|1||Remark

MFE|MAD||20131219145310|500^Erythrocyte sedimentation rate^99USI^^^^20130421|CWE

NTE|1||Remark

CDM|500^Erythrocyte sedimentation rate^99USI^^^^20130421||Erythrocyte sedimentation rate||||85652^Sedimentation rate, erythrocyte; automated^C4^^^^19.2

NTE|1||Remark

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

CDM|100^CMP^99USI^^^^20130421||CMP||||80053^Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferrase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)^C4^^^^19.2

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

CDM|200^CBC\_diff^99USI^^^^20130421||CBC\_diff||||85025^blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count^C4^^^^19.2~85007^BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT^C4^^^^19.2~85060^BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT^C4^^^^19.2

NTE|1||CPT Code Information: 85007-"Blood count; blood smear, microscopic examination with manual differential WBC count" and 85060-"Blood smear, peripheral, interpretation by physician with written report" are billed if appropriate depending on results of CBC.

MFE|MAD||20131219145310|202^Erythrocytes, blood^99USI^^^^20130421|CWE

CDM|202^Erythrocytes, blood^99USI^^^^20130421||Erythrocytes, blood||||85032^Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each^C4^^^^19.2

MFE|MAD||20131219145310|204^Hematocrit^99USI^^^^20130421|CWE

CDM|204^Hematocrit^99USI^^^^20130421||Hematocrit||||85014^blood count; hematocrit (hct)^C4^^^^19.2

MFE|MAD||20131219145310|206^Leukocytes, blood^99USI^^^^20130421|CWE

CDM|206^Leukocytes, blood^99USI^^^^20130421||Leukocytes, blood||||85048^blood count; leukocyte (wbc), automated^C4^^^^19.2

MFE|MAD||20131219145310|208^Platelets^99USI^^^^20130421|CWE

CDM|208^Platelets^99USI^^^^20130421||Platelets||||85025^blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count^C4^^^^19.2

MFE|MAD||20131219145310|312^Crystals , urine^99USI^^^^20130421|CWE

CDM|312^Crystals , urine^99USI^^^^20130421||Crystals , urine||||81005^urinalysis; qualitative or semiquantitative, except immunoassays^C4^^^^19.2

MFE|MAD||20131219145310|328^Hemoglobin, urine^99USI^^^^20130421|CWE

CDM|328^Hemoglobin, urine^99USI^^^^20130421||Hemoglobin, urine||||83069^Hemoglobin; urine^C4^^^^19.2

MFE|MAD||20131219145310|336^Urine pH^99USI^^^^20130421|CWE

CDM|336^Urine pH^99USI^^^^20130421||Urine pH||||83986^ph; body fluid, not otherwise specified^C4^^^^19.2

MFE|MAD||20131219145310|338^Protein, urine^99USI^^^^20130421|CWE

CDM|338^Protein, urine^99USI^^^^20130421||Protein, urine||||84156^protein, total, except by refractometry; urine^C4^^^^19.2

MFE|MAD||20131219145310|342^Urine specific gravity^99USI^^^^20130421|CWE

CDM|342^Urine specific gravity^99USI^^^^20130421||Urine specific gravity||||81003^URNLYSS, DP STCK OR TBLT RGNT FR BLRB N, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WTHT MCRSCPY^C4^^^^19.2

MFE|MAD||20131219145310|104^Serum Glucose^99USI^^^^20130421|CWE

CDM|104^Serum Glucose^99USI^^^^20130421||Serum Glucose||||82947^glucose; quantitative, blood (except reagent strip)^C4^^^^19.2

MFE|MAD||20131219145310|106^Blood Urea Nitrogen (BUN)^99USI^^^^20130421|CWE

CDM|106^Blood Urea Nitrogen (BUN)^99USI^^^^20130421||Blood Urea Nitrogen (BUN)|||84520^urea nitrogen; quantitative^C4^^^^19.2

MFE|MAD||20131219145310|102^Creatinine^99USI^^^^20130421|CWE

CDM|102^Creatinine^99USI^^^^20130421||Creatinine||||82565^creatinine; blood^C4^^^^19.2

MFE|MAD||20131219145310|112^Calcium^99USI^^^^20130421|CWE

CDM|112^Calcium^99USI^^^^20130421||Calcium||||82310^calcium; total^C4^^^^19.2

MFE|MAD||20131219145310|114^Total protein, serum^99USI^^^^20130421|CWE

CDM|114^Total protein, serum^99USI^^^^20130421||Total protein, serum||||84155^protein, total, except by refractometry; serum, plasma or whole blood^C4^^^^19.2

MFE|MAD||20131219145310|116^Albumin^99USI^^^^20130421|CWE

CDM|116^Albumin^99USI^^^^20130421||Albumin||||82040^albumin; serum, plasma or whole blood^C4^^^^19.2

MFE|MAD||20131219145310|122^Total bilirubin, serum^99USI^^^^20130421|CWE

CDM|122^Total bilirubin, serum^99USI^^^^20130421||Total bilirubin, serum||||82247^bilirubin; total^C4^^^^19.2

MFE|MAD||20131219145310|124^Alkaline phosphatase (ALP)^99USI^^^^20130421|CWE

CDM|124^Alkaline phosphatase (ALP)^99USI^^^^20130421||Alkaline phosphatase (ALP)|||84075^Phosphatase, alkaline^C4^^^^19.2

MFE|MAD||20131219145310|126^Alanine aminotransferase (ALT)^99USI^^^^20130421|CWE

CDM|126^Alanine aminotransferase (ALT)^99USI^^^^20130421||Alanine aminotransferase (ALT)|||84460^transferase; alanine amino (alt) (sgpt)^C4^^^^19.2

MFE|MAD||20131219145310|128^Aspartate aminotransferase (ASP)^99USI^^^^20130421|CWE

CDM|128^Aspartate aminotransferase (ASP)^99USI^^^^20130421||Aspartate aminotransferase (ASP)|||84450^transferase; aspartate amino (ast) (sgot)^C4^^^^19.2

MFE|MAD||20131219145310|130^Sodium, serum^99USI^^^^20130421|CWE

CDM|130^Sodium, serum^99USI^^^^20130421||Sodium, serum|||84295^sodium; serum, plasma or whole blood^C4^^^^19.2

MFE|MAD||20131219145310|132^Potassium, serum^99USI^^^^20130421|CWE

CDM|132^Potassium, serum^99USI^^^^20130421||Potassium, serum|||84132^potassium; serum, plasma or whole blood^C4^^^^19.2

MFE|MAD||20131219145310|134^Chloride, serum^99USI^^^^20130421|CWE

CDM|134^Chloride, serum^99USI^^^^20130421||Chloride, serum|||82435^chloride; blood^C4^^^^19.2

MFE|MAD||20131219145310|136^Carbon dioxide, serum^99USI^^^^20130421|CWE

CDM|136^Carbon dioxide, serum^99USI^^^^20130421||Carbon dioxide, serum|||82374^carbon dioxide (bicarbonate)^C4^^^^19.2

MFE|MAD||20131219145310|140^Gamma-Glutamyltransferase (GGT)^99USI^^^^20130421|CWE

CDM|140^Gamma-Glutamyltransferase (GGT)^99USI^^^^20130421||Gamma-Glutamyltransferase (GGT)|||82977^glutamyltransferase, gamma (ggt)^C4^^^^19.2

MFE|MAD||20131219145310|202^Erythrocytes, blood^99USI^^^^20130421|CWE

CDM|202^Erythrocytes, blood^99USI^^^^20130421||Erythrocytes, blood|||85032^Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each^C4^^^^19.2

MFE|MAD||20131219145310|400^Lipid Panel^99USI^^^^20130421|CWE

CDM|400^Lipid Panel^99USI^^^^20130421||Lipid Panel|||80061^Lipid panel This panel must include the following: Cholesterol, serum, total (82465) Lipoprotein, direct measurement, high density cholesterol (HDL cholesterol) (83718) Triglycerides (84478)^C4^^^^19.2

MFE|MAD||20131219145310|600^Prostate Biopsy Pathology Report^99USI^^^^20130421|CWE

CDM|600^Prostate Biopsy Pathology Report^99USI^^^^20130421||Prostate Biopsy Pathology Report|||88305^Tissue exam by Pathologist^C4^^^^19.2

NTE|1||88305-"Tissue exam by Pathologist" will be billed for each specimen submitted.

MFE|MAD||20131219145310|700^TSH^99USI^^^^20130421|CWE

CDM|700^TSH^99USI^^^^20130421||Thyroid Stimulating Hormone (TSH)|||84443^Thyroid Stimulating Hormone (TSH)^C4^^^^19.2

MFE|MAD||20131219145310|610^Pap Test^99USI^^^^20130421|CWE

NTE|1||CPT Code Information: if reviewed by pathologist add 88141

CDM|610^Pap Test^99USI^^^^20130421||Pap Test|||88142^Cytopathology, cervical or vaginal (any reporting system), collection

ted in preservative fluid, automated thinlayer preparation;manual screening under physician supervision.^C4~88141^Cytopa  
thology, cervical or vaginal (any reporting system), requiring interpretation by physician^C4

MFE|MAD||20131219145310|1010^Hepatitis C RNA PCR^99USI^^^^20130421|CWE

CDM|1010^Hepatitis C RNA PCR^99USI^^^^20130421||Hepatitis C RNA PCR|||87522^Hepatitis C Viral RNA, Quantitative, Real-  
Time PCR^C4^^^^19.2

MFE|MAD||20131219145310|1000^Hepatitis A B C Panel\_With Reflex^99USI^^^^20130421|CWE

CDM|1000^Hepatitis A B C Panel\_With Reflex^99USI^^^^20130421||Hepatitis A B C Panel\_With Reflex|||80074^Acute Hepatiti  
s panel^C4^^^^19.2~86704^Hepatitis A Antibody, Total^C4^^^^19.2~86706^Hepatitis B Surface Antibody^C4^^^^19.2~86708^Qual  
itative; Hepatitis B Surface Antigen^C4^^^^19.2~86803^Hepatitis B Core Antibody, Total^C4^^^^19.2~87340^Hepatitis C Anti  
body^C4^^^^19.2

MFE|MAD||20131219145310|1506^Penicillin^99USI^^^^20130421|CWE

CDM|1506^Penicillin^99USI^^^^20130421||Stool Culture with Susceptibility Reflex|||87181^Susceptibility studies, antimi  
crobial agent; agar diffusion method, per agent^C4^^^^19.2