

### Description

The initial Laboratory Test Compendium built by Century Hospital Clinical Laboratory is a subset of their Directory of Services. It is based upon the most commonly ordered lab tests by Dr. Radon. This compendium is delivered electronically to Dr. Nicholas Radon's practice EHR, as agreed to between Laboratory and Dr. Radon's Office and EHR-S Vendor. The EHR-S will integrate the eDOS into its test directory and use it to allow Dr. Radon to place orders electronically to Century Hospital's Clinical Laboratory.

The initial laboratory test compendium is composed of five messages.

After Century Hospital's LIS successfully transmits the first and second messages which provide 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.

Demonstrate capability to support multiple instances of procedure code for a single test.

### PreCondition

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

### PostCondition

No Post-Condition.

### TestObjectives

- Demonstrate capability to support a M04 initial load message for panels and atomic tests.
- Demonstrate capability to support NTE segments, including repeats under one MFI.
- Demonstrate capability to support NTE segments, including repeats under one MFE.
- Demonstrate capability to support all supported data elements, including repeating fields in the CDM segment.
- Demonstrate capability to support NTE segments, including repeats under one CDM.

Test Case Information

**EDOS\_1.0\_3.1-M04-NG - M04\_New**

<b>Test Case ID</b>	EDOS_1.0_3.1-M04_NG
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MSH

Location	Data Element	Data	Categorization
<b>MSH.1</b>	<b>Field Separator</b>		IG Fixed Data
<b>MSH.2</b>	<b>Encoding Characters</b>	^~&#	IG Fixed Data
<b>MSH.3</b>	<b>Sending Application</b>		
MSH.3.1	Namespace ID	NIST Test Lab APP	Configurable Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20130421113601-0700	System Generated
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M04	IG Fixed Data
MSH.9.3	Message Structure	MFN_M04	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	EDOS_1.0_3.1-M04-NG	System Generated
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	D	Changeable Data
<b>MSH.12</b>	<b>VersionID</b>		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21.2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.67	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[2]</b>	<b>Message Profile Identifier</b>		
MSH.21[2].1	Entity Identifier	EDOS_NG_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS NG Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.69	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data

MFI

Location	Data Element	Data	Categorization
<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

Location	Data Element	Data	Categorization
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	IG Fixed Data
<b>NTE.3</b>	<b>Comment</b>	Some remark	Changeable Data

NTE

Location	Data Element	Data	Categorization
<b>NTE.1</b>	<b>Set ID - NTE</b>	2	IG Fixed Data
		The CPT codes provided are based on	

Location	Data Element	Data	Categorization
NTE.3	Comment	AMA guidelines and CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.	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	500	Changeable Data
MFE.4.2	Text	Erythrocyte sedimentation rate	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	IG Fixed Data
NTE.3	Comment	Some remark	Changeable Data

NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	2	IG Fixed Data
NTE.3	Comment	Some other 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85652	Changeable Data
CDM.7.2	Text	Sedimentation rate, erythrocyte; automated	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data

NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	IG Fixed Data
NTE.3	Comment	Some remark	Changeable Data

NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	2	IG Fixed Data
NTE.3	Comment	Some other 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

Location	Data Element	Data	Categorization
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	100	Test Case Fixed Data
CDM.1.2	Text	CMP	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	80053	Changeable Data
CDM.7.2	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.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	200	Changeable Data
MFE.4.2	Text	CBC_diff	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
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	200	Test Case Fixed Data
CDM.1.2	Text	CBC_diff	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85025	Changeable Data
CDM.7.2	Text	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data
CDM.7[2]	Procedure Code		
CDM.7[2].1	Identifier	85007	Changeable Data
		BLOOD COUNT; BLOOD SMEAR,	

Location	Data Element	Data	Categorization
		MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT	
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
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	IG Fixed Data
<b>NTE.3</b>	<b>Comment</b>	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
<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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	85032	Changeable Data
CDM.7.2	Text	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data

Location	Data Element	Data	Categorization
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	204	Test Case Fixed Data
CDM.1.2	Text	Hematocrit	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85014	Changeable Data
CDM.7.2	Text	blood count; hematocrit (hct)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	206	Changeable Data
MFE.4.2	Text	Leukocytes, blood	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	206	Test Case Fixed Data
CDM.1.2	Text	Leukocytes, blood	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85048	Changeable Data
CDM.7.2	Text	blood count; leukocyte (wbc), automated	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	208	Changeable Data
MFE.4.2	Text	Platelets	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization

CDM Location	Primary Key Value - CDM Data Element	Data	Categorization
CDM.1.1	Identifier	208	Test Case Fixed Data
CDM.1.2	Text	Platelets	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85025	Changeable Data
CDM.7.2	Text	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	312	Changeable Data
MFE.4.2	Text	Crystals , urine	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	312	Test Case Fixed Data
CDM.1.2	Text	Crystals , urine	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	81005	Changeable Data
CDM.7.2	Text	urinalysis; qualitative or semiquantitative, except immunoassays	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	328	Changeable Data
MFE.4.2	Text	Hemoglobin, urine	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	328	Test Case Fixed Data
CDM.1.2	Text	Hemoglobin, urine	Changeable Data

Location	Data Element	Data	Categorization
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	83069	Changeable Data
CDM.7.2	Text	Hemoglobin; urine	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	336	Changeable Data
MFE.4.2	Text	Urine pH	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	83986	Changeable Data
CDM.7.2	Text	ph; body fluid, not otherwise specified	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84156	Changeable Data



Location	Data Element	Data	Categorization
CDM.7.2	Text	protein, total, except by refractometry; urine	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	342	Changeable Data
MFE.4.2	Text	Urine specific gravity	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	81003	Changeable Data
CDM.7.2	Text	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WHTT MCRSCPY	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	104	Changeable Data
MFE.4.2	Text	Serum Glucose	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	104	Test Case Fixed Data
CDM.1.2	Text	Serum Glucose	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82947	Changeable Data
		glucose; quantitative, blood (except reagent	

Location	Data Element	Data	Categorization
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	106	Changeable Data
MFE.4.2	Text	Blood Urea Nitrogen (BUN)	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	84520	Changeable Data
CDM.7.2	Text	urea nitrogen; quantitative	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	102	Changeable Data
MFE.4.2	Text	Creatinine	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	102	Test Case Fixed Data
CDM.1.2	Text	Creatinine	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82565	Changeable Data
CDM.7.2	Text	creatinine; blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	82310	Changeable Data
CDM.7.2	Text	calcium; total	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84155	Changeable Data
CDM.7.2	Text	protein, total, except by refractometry; serum, plasma or whole blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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>		

Location	Data Element	Data	Categorization
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	116	Changeable Data
MFE.4.2	Text	Albumin	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	116	Test Case Fixed Data
CDM.1.2	Text	Albumin	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82040	Changeable Data
CDM.7.2	Text	albumin; serum, plasma or whole blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	122	Changeable Data
MFE.4.2	Text	Total bilirubin, serum	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82247	Changeable Data
CDM.7.2	Text	bilirubin; total	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	124	Changeable Data
MFE.4.2	Text	Alkaline phosphatase (ALP)	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data

MFE.4.7	Coding System Version ID	20130421	Changeable Data
Location	Data Element	Data	Categorization
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	84075	Changeable Data
CDM.7.2	Text	Phosphatase, alkaline	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	126	Changeable Data
MFE.4.2	Text	Alanine aminotransferase (ALT)	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	84460	Changeable Data
CDM.7.2	Text	transferase; alanine amino (alt) (sgpt)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	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		

Location	Data Element	Data	Categorization
CDM.1.2	Text	Aspartate aminotransferase (ASP)	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84450	Changeable Data
CDM.7.2	Text	transferase; aspartate amino (ast) (sgot)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84295	Changeable Data
CDM.7.2	Text	sodium; serum, plasma or whole blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data

CDM.1 Location	Procedure Code Data Element	Data	Categorization
CDM.7.1	Identifier	84132	Changeable Data
CDM.7.2	Text	potassium; serum, plasma or whole blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	134	Changeable Data
MFE.4.2	Text	Chloride, serum	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	134	Test Case Fixed Data
CDM.1.2	Text	Chloride, serum	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82435	Changeable Data
CDM.7.2	Text	chloride; blood	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	136	Changeable Data
MFE.4.2	Text	Carbon dioxide, serum	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	82374	Changeable Data
CDM.7.2	Text	carbon dioxide (bicarbonate)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	82977	Changeable Data
CDM.7.2	Text	glutamyltransferase, gamma (ggt)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	85032	Changeable Data
CDM.7.2	Text	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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>		



Location	Data Element	Data	Categorization
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	400	Changeable Data
MFE.4.2	Text	Lipid Panel	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	400	Test Case Fixed Data
CDM.1.2	Text	Lipid Panel	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	80061	Changeable Data
CDM.7.2	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.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	600	Changeable Data
MFE.4.2	Text	Prostate Biopsy Pathology Report	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	88305	Changeable Data
CDM.7.2	Text	Tissue exam by Pathologist	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data

#### NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	IG Fixed Data
NTE.3	Comment	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84443	Changeable Data
CDM.7.2	Text	Thyroid Stimulating Hormone (TSH)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## NTE

Location	Data Element	Data	Categorization
<b>NTE.1</b>	<b>Set ID - NTE</b>	1	IG Fixed Data
<b>NTE.3</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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	88142	Changeable Data
CDM.7.2	Text	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thinlayer preparation;manual screening under	Changeable Data

Location	Data Element	physician supervision Data	Categorization
CDM.7.3	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	87522	Changeable Data
CDM.7.2	Text	Hepatitis C Viral RNA, Quantitative, Real-Time PCR	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### 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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	80074	Changeable Data

Location	Data Element	Data	Categorization
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### CDM

Location	Data Element	Data	Categorization
<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	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	87181	Changeable Data
CDM.7.2	Text	Susceptibility studies, antimicrobial agent; agar diffusion method, per agent	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	1200	Changeable Data
MFE.4.2	Text	Creatinine Clearance	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<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	1200	Changeable Data
CDM.1.2	Text	Creatinine Clearance	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	82575	Changeable Data
CDM.7.2	Text	creatinine clearance	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	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	800	Changeable Data
MFE.4.2	Text	GHP	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

## CDM

Location	Data Element	Data	Categorization
<b>CDM.1</b>	<b>Primary Key Value - CDM</b>		
CDM.1.1	Identifier	800	Test Case Fixed Data
CDM.1.2	Text	GHP	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
<b>CDM.3</b>	<b>Charge Description Short</b>	N/A	IG Fixed Data
<b>CDM.7</b>	<b>Procedure Code</b>		
CDM.7.1	Identifier	84443	Changeable Data
CDM.7.2	Text	Thyroid Stimulating Hormone (TSH)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data
<b>CDM.7[2]</b>	<b>Procedure Code</b>		
CDM.7[2].1	Identifier	81003	Changeable Data
CDM.7[2].2	Text	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF	Changeable Data

Location	Data Element	THS CNSTTNTS & TMTD, WHTT MCRSCP	Category
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	80053	Changeable Data
CDM.7[3].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[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	85025	Changeable Data
CDM.7[4].2	Text	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	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	85007	Changeable Data
CDM.7[5].2	Text	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT	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	85060	Changeable Data
CDM.7[6].2	Text	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT	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

Element	Data
Identifier	CDM
Event code	REP

Notes & comments

Element	Data
Comment	Some remark

Notes & comments

Element	Data
Comment	The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.

#### Charge Information - Erythrocyte sedimentation rate

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Erythrocyte sedimentation rate
Test/Panel identifier (code system)	500 (99USL)

Notes & comments

Element	Data
Comment	Some remark

Notes & comments

Element	Data
Comment	Some other remark

Charge details

Element	Data
Primary key value	Erythrocyte sedimentation rate
Primary key value (code & code system)	500 (99USL)
Charge description	N/A
Procedure code	Sedimentation rate, erythrocyte; automated
Procedure code(code & code system)	85652 (C4)

Notes & comments

Element	Data
Comment	Some remark

Notes & comments

Element	Data
Comment	Some other remark

#### Charge Information - CMP

Record information

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

Charge details

Element	Data
Primary key value	CMP

Primary key value (code & code system)	100 (99USL)
Charge description	N/A
Procedure code	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)
Procedure code(code & code system)	80053 (C4)

#### Charge Information - CBC\_diff

##### Record information

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

##### Charge details

Element	Data
Primary key value	CBC_diff
Primary key value (code & code system)	200 (99USL)
Charge description	N/A
Procedure code	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count
Procedure code(code & code system)	85025 (C4)
Procedure code	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT
Procedure code(code & code system)	85007 (C4)
Procedure code	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT
Procedure code(code & code system)	85060 (C4)

##### Notes & comments

Element	Data
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.

#### Charge Information - Erythrocytes, blood

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Erythrocytes, blood
Test/Panel identifier (code system)	202 (99USL)

##### Charge details

Element	Data
Primary key value	Erythrocytes, blood
Primary key value (code & code system)	202 (99USL)
Charge description	N/A
Procedure code	Blood count; manual cell count (erythrocyte, leukocyte, or



	platelet) each
Procedure code(code & code system)	85032 (C4)

#### Charge Information - Hematocrit

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Hematocrit
Test/Panel identifier (code system)	204 (99USL)

##### Charge details

Element	Data
Primary key value	Hematocrit
Primary key value (code & code system)	204 (99USL)
Charge description	N/A
Procedure code	blood count; hematocrit (hct)
Procedure code(code & code system)	85014 (C4)

#### Charge Information - Leukocytes, blood

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Leukocytes, blood
Test/Panel identifier (code system)	206 (99USL)

##### Charge details

Element	Data
Primary key value	Leukocytes, blood
Primary key value (code & code system)	206 (99USL)
Charge description	N/A
Procedure code	blood count; leukocyte (wbc), automated
Procedure code(code & code system)	85048 (C4)

#### Charge Information - Platelets

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Platelets
Test/Panel identifier (code system)	208 (99USL)

##### Charge details

Element	Data
Primary key value	Platelets
Primary key value (code & code system)	208 (99USL)
Charge description	N/A
Procedure code	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count
Procedure code(code & code system)	85025 (C4)

#### Charge Information - Crystals , urine

##### Record information

Element	Data
Event code	MAD

Effective date and time	20131219145310
Test/Panel Name	Crystals , urine
Test/Panel identifier (code system)	312 (99USL)

Charge details

Element	Data
Primary key value	Crystals , urine
Primary key value (code & code system)	312 (99USL)
Charge description	N/A
Procedure code	urinalysis; qualitative or semiquantitative, except immunoassays
Procedure code(code & code system)	81005 (C4)

Charge Information - Hemoglobin, urine

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Hemoglobin, urine
Test/Panel identifier (code system)	328 (99USL)

Charge details

Element	Data
Primary key value	Hemoglobin, urine
Primary key value (code & code system)	328 (99USL)
Charge description	N/A
Procedure code	Hemoglobin; urine
Procedure code(code & code system)	83069 (C4)

Charge Information - Urine pH

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Urine pH
Test/Panel identifier (code system)	336 (99USL)

Charge details

Element	Data
Primary key value	Urine pH
Primary key value (code & code system)	336 (99USL)
Charge description	N/A
Procedure code	pH; body fluid, not otherwise specified
Procedure code(code & code system)	83986 (C4)

Charge Information - Protein, urine

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Protein, urine
Test/Panel identifier (code system)	338 (99USL)

Charge details

Element	Data
Primary key value	Protein, urine
Primary key value (code & code system)	338 (99USL)

Charge description	N/A
Procedure code	protein, total, except by refractometry; urine
Procedure code(code & code system)	84156 (C4)

#### Charge Information - Urine specific gravity

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Urine specific gravity
Test/Panel identifier (code system)	342 (99USL)

##### Charge details

Element	Data
Primary key value	Urine specific gravity
Primary key value (code & code system)	342 (99USL)
Charge description	N/A
Procedure code	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHTT MCRSCPY
Procedure code(code & code system)	81003 (C4)

#### Charge Information - Serum Glucose

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Serum Glucose
Test/Panel identifier (code system)	104 (99USL)

##### Charge details

Element	Data
Primary key value	Serum Glucose
Primary key value (code & code system)	104 (99USL)
Charge description	N/A
Procedure code	glucose; quantitative, blood (except reagent strip)
Procedure code(code & code system)	82947 (C4)

#### Charge Information - Blood Urea Nitrogen (BUN)

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Blood Urea Nitrogen (BUN)
Test/Panel identifier (code system)	106 (99USL)

##### Charge details

Element	Data
Primary key value	Blood Urea Nitrogen (BUN)
Primary key value (code & code system)	106 (99USL)
Charge description	N/A
Procedure code	urea nitrogen; quantitative
Procedure code(code & code system)	84520 (C4)

#### Charge Information - Creatinine

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Creatinine
Test/Panel identifier (code system)	102 (99USL)

Charge details

Element	Data
Primary key value	Creatinine
Primary key value (code & code system)	102 (99USL)
Charge description	N/A
Procedure code	creatinine; blood
Procedure code(code & code system)	82565 (C4)

Charge Information - Calcium

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Calcium
Test/Panel identifier (code system)	112 (99USL)

Charge details

Element	Data
Primary key value	Calcium
Primary key value (code & code system)	112 (99USL)
Charge description	N/A
Procedure code	calcium; total
Procedure code(code & code system)	82310 (C4)

Charge Information - Total protein, serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Total protein, serum
Test/Panel identifier (code system)	114 (99USL)

Charge details

Element	Data
Primary key value	Total protein, serum
Primary key value (code & code system)	114 (99USL)
Charge description	N/A
Procedure code	protein, total, except by refractometry; serum, plasma or whole blood
Procedure code(code & code system)	84155 (C4)

Charge Information - Albumin

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Albumin
Test/Panel identifier (code system)	116 (99USL)

Charge details

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Element	Data
Primary key value	Albumin
Primary key value (code & code system)	116 (99USL)
Charge description	N/A
Procedure code	albumin; serum, plasma or whole blood
Procedure code(code & code system)	82040 (C4)

#### Charge Information - Total bilirubin, serum

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Total bilirubin, serum
Test/Panel identifier (code system)	122 (99USL)

##### Charge details

Element	Data
Primary key value	Total bilirubin, serum
Primary key value (code & code system)	122 (99USL)
Charge description	N/A
Procedure code	bilirubin; total
Procedure code(code & code system)	82247 (C4)

#### Charge Information - Alkaline phosphatase (ALP)

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Alkaline phosphatase (ALP)
Test/Panel identifier (code system)	124 (99USL)

##### Charge details

Element	Data
Primary key value	Alkaline phosphatase (ALP)
Primary key value (code & code system)	124 (99USL)
Charge description	N/A
Procedure code	Phosphatase, alkaline
Procedure code(code & code system)	84075 (C4)

#### Charge Information - Alanine aminotransferase (ALT)

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Alanine aminotransferase (ALT)
Test/Panel identifier (code system)	126 (99USL)

##### Charge details

Element	Data
Primary key value	Alanine aminotransferase (ALT)
Primary key value (code & code system)	126 (99USL)
Charge description	N/A
Procedure code	transferase; alanine amino (alt) (sgpt)
Procedure code(code & code system)	84460 (C4)

#### Charge Information - Aspartate aminotransferase (ASP)

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Aspartate aminotransferase (ASP)
Test/Panel identifier (code system)	128 (99USL)

Charge details

Element	Data
Primary key value	Aspartate aminotransferase (ASP)
Primary key value (code & code system)	128 (99USL)
Charge description	N/A
Procedure code	transferase; aspartate amino (ast) (sgot)
Procedure code(code & code system)	84450 (C4)

Charge Information - Sodium, serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Sodium, serum
Test/Panel identifier (code system)	130 (99USL)

Charge details

Element	Data
Primary key value	Sodium, serum
Primary key value (code & code system)	130 (99USL)
Charge description	N/A
Procedure code	sodium; serum, plasma or whole blood
Procedure code(code & code system)	84295 (C4)

Charge Information - Potassium, serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Potassium, serum
Test/Panel identifier (code system)	132 (99USL)

Charge details

Element	Data
Primary key value	Potassium, serum
Primary key value (code & code system)	132 (99USL)
Charge description	N/A
Procedure code	potassium; serum, plasma or whole blood
Procedure code(code & code system)	84132 (C4)

Charge Information - Chloride, serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Chloride, serum
Test/Panel identifier (code system)	134 (99USL)

Charge details

Element	Data
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Primary key value	Chloride, serum
Primary key value (code & code system)	134 (99USL)
Charge description	N/A
Procedure code	chloride; blood
Procedure code(code & code system)	82435 (C4)

#### Charge Information - Carbon dioxide, serum

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Carbon dioxide, serum
Test/Panel identifier (code system)	136 (99USL)

##### Charge details

Element	Data
Primary key value	Carbon dioxide, serum
Primary key value (code & code system)	136 (99USL)
Charge description	N/A
Procedure code	carbon dioxide (bicarbonate)
Procedure code(code & code system)	82374 (C4)

#### Charge Information - Gamma-Glutamyltransferase (GGT)

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Gamma-Glutamyltransferase (GGT)
Test/Panel identifier (code system)	140 (99USL)

##### Charge details

Element	Data
Primary key value	Gamma-Glutamyltransferase (GGT)
Primary key value (code & code system)	140 (99USL)
Charge description	N/A
Procedure code	glutamyltransferase, gamma (ggt)
Procedure code(code & code system)	82977 (C4)

#### Charge Information - Erythrocytes, blood

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Erythrocytes, blood
Test/Panel identifier (code system)	202 (99USL)

##### Charge details

Element	Data
Primary key value	Erythrocytes, blood
Primary key value (code & code system)	202 (99USL)
Charge description	N/A
Procedure code	Blood count; manual cell count (erythrocyte, leukocyte, or platelet) each
Procedure code(code & code system)	85032 (C4)

#### Charge Information - Lipid Panel

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Lipid Panel
Test/Panel identifier (code system)	400 (99USL)

Charge details

Element	Data
Primary key value	Lipid Panel
Primary key value (code & code system)	400 (99USL)
Charge description	N/A
Procedure code	Lipid panel This panel must include the following: Cholesterol, serum, total (82465) Lipoprotein, direct measurement, high density cholesterol (HDL cholesterol) (83718) Triglycerides (84478)
Procedure code(code & code system)	80061 (C4)

Charge Information - Prostate Biopsy Pathology Report

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Prostate Biopsy Pathology Report
Test/Panel identifier (code system)	600 (99USL)

Charge details

Element	Data
Primary key value	Prostate Biopsy Pathology Report
Primary key value (code & code system)	600 (99USL)
Charge description	N/A
Procedure code	Tissue exam by Pathologist
Procedure code(code & code system)	88305 (C4)

Notes & comments

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

Charge Information - TSH

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	TSH
Test/Panel identifier (code system)	700 (99USL)

Charge details

Element	Data
Primary key value	TSH
Primary key value (code & code system)	700 (99USL)
Charge description	N/A
Procedure code	Thyroid Stimulating Hormone (TSH)
Procedure code(code & code system)	84443 (C4)

Charge Information - Pap Test

Record information

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Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Pap Test
Test/Panel identifier (code system)	610 (99USL)

Notes & comments

Element	Data
Comment	CPT Code Information: if reviewed by pathologist add 88141

Charge details

Element	Data
Primary key value	Pap Test
Primary key value (code & code system)	610 (99USL)
Charge description	N/A
Procedure code	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thinlayer preparation;manual screening under physician supervision.
Procedure code(code & code system)	88142 (C4)
Procedure code	Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician
Procedure code(code & code system)	88141 (C4)

Charge Information - Hepatitis C RNA PCR

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Hepatitis C RNA PCR
Test/Panel identifier (code system)	1010 (99USL)

Charge details

Element	Data
Primary key value	Hepatitis C RNA PCR
Primary key value (code & code system)	1010 (99USL)
Charge description	N/A
Procedure code	Hepatitis C Viral RNA, Quantitative, Real-Time PCR
Procedure code(code & code system)	87522 (C4)

Charge Information - Hepatitis A B C Panel\_ With Reflex

Record information

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

Charge details

Element	Data
Primary key value	Hepatitis A B C Panel_ With Reflex
Primary key value (code & code system)	1000 (99USL)
Charge description	N/A
Procedure code	Acute Hepatitis panel
Procedure code(code & code system)	80074 (C4)
Procedure code	Hepatitis A Antibody, Total
Procedure code(code & code system)	86704 (C4)

Procedure code	Hepatitis B Surface Antibody
Procedure code(code & code system)	86706 (C4)
Procedure code	Qualitative; Hepatitis B Surface Antigen
Procedure code(code & code system)	86708 (C4)
Procedure code	Hepatitis B Core Antibody, Total
Procedure code(code & code system)	86803 (C4)
Procedure code	Hepatitis C Antibody
Procedure code(code & code system)	87340 (C4)

#### Charge Information - Penicillin

##### Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Penicillin
Test/Panel identifier (code system)	1506 (99USL)

##### Charge details

Element	Data
Primary key value	Penicillin
Primary key value (code & code system)	1506 (99USL)
Charge description	N/A
Procedure code	Susceptibility studies, antimicrobial agent; agar diffusion method, per agent
Procedure code(code & code system)	87181 (C4)

#### Charge Information - Creatinine Clearance

##### Record information

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

##### Charge details

Element	Data
Primary key value	Creatinine Clearance
Primary key value (code & code system)	1200 (99USL)
Charge description	N/A
Procedure code	creatinine clearance
Procedure code(code & code system)	82575 (C4)

#### Charge Information - GHP

##### Record information

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

##### Charge details

Element	Data
Primary key value	GHP
Primary key value (code & code system)	800 (99USL)
Charge description	N/A
Procedure code	Thyroid Stimulating Hormone (TSH)

Procedure code(code & code system)	84443 (C4)
Procedure code	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHTT MCRSCP
Procedure code(code & code system)	81003 (C4)
Procedure code	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)
Procedure code(code & code system)	80053 (C4)
Procedure code	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count
Procedure code(code & code system)	85025 (C4)
Procedure code	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT
Procedure code(code & code system)	85007 (C4)
Procedure code	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT
Procedure code(code & code system)	85060 (C4)

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

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

NTE|1||Some remark

NTE|2||The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.

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

NTE|1||Some remark

NTE|2||Some other remark

CDM|500^Erythrocyte sedimentation rate^99USL^^^^20130421||N/A|||85652^Sedimentation rate, erythrocyte; automated^C4^^^^19.2

NTE|1||Some remark

NTE|2||Some other remark

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

CDM|100^CMP^99USL^^^^20130421||N/A|||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) Transferrase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)^C4^^^^19.2

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

CDM|200^CBC\_diff^99USL^^^^20130421||N/A|||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 MA  
NUAL 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^99USL^^^^20130421|CWE

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

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

CDM|204^Hematocrit^99USL^^^^20130421||N/A|||85014^blood count; hematocrit (hct)^C4^^^^19.2

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

CDM|206^Leukocytes, blood^99USL^^^^20130421||N/A|||85048^blood count; leukocyte (wbc), automated^C4^^^^19.2

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

CDM|208^Platelets^99USL^^^^20130421||N/A|||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^99USL^^^^20130421|CWE

CDM|312^Crystals , urine^99USL^^^^20130421||N/A|||81005^urinalysis; qualitative or semiquantitative, except immunoassays^C4^^^^19.2

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

CDM|328^Hemoglobin, urine^99USL^^^^20130421||N/A|||83069^Hemoglobin, urine^C4^^^^19.2

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

CDM|336^Urine pH^99USL^^^^20130421||N/A|||83986^ph; body fluid, not otherwise specified^C4^^^^19.2

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

CDM|338^Protein, urine^99USL^^^^20130421||N/A|||84156^protein, total, except by refractometry; urine^C4^^^^19.2

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

CDM|342^Urine specific gravity^99USL^^^^20130421||N/A|||81003^URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KT NS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHTT MCRSCPY^C4^^^^19.2

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

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

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

CDM|106^Blood Urea Nitrogen (BUN)^99USL^^^^20130421||N/A|||84520^urea nitrogen; quantitative^C4^^^^19.2

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

CDM|102^Creatinine^99USL^^^^20130421||N/A|||82565^creatinine; blood^C4^^^^19.2

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

CDM|112^Calcium^99USL^^^^20130421||N/A|||82310^calcium; total^C4^^^^19.2

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

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

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

CDM|116^Albumin^99USL^^^^20130421||N/A|||82040^albumin; serum, plasma or whole blood^C4^^^^19.2

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

CDM|122^Total bilirubin, serum^99USL^^^^20130421||N/A|||82247^bilirubin; total^C4^^^^19.2

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

CDM|124^Alkaline phosphatase (ALP)^99USL^^^^20130421||N/A|||84075^Phosphatase, alkaline^C4^^^^19.2

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

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

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

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

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

CDM|130^Sodium, serum^99USL^^^^20130421||N/A|||84295^sodium; serum, plasma or whole blood^C4^^^^19.2

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

CDM|132^Potassium, serum^99USL^^^^20130421||N/A|||84132^potassium; serum, plasma or whole blood^C4^^^^19.2

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

CDM|134^Chloride, serum^99USL^^^^20130421||N/A|||82435^chloride; blood^C4^^^^19.2

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

CDM|136^Carbon dioxide, serum^99USL^^^^20130421||N/A|||82374^carbon dioxide (bicarbonate)^C4^^^^19.2

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

CDM|140^Gamma-Glutamyltransferase (GGT)^99USL^^^^20130421||N/A|||82977^glutamyltransferase, gamma (ggt)^C4^^^^19.2

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

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

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

CDM|400^Lipid Panel^99USL^^^^20130421||N/A|||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^99USL^^^^20130421|CWE

CDM|600^Prostate Biopsy Pathology Report^99USL^^^^20130421||N/A|||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^99USL^^^^20130421|CWE

CDM|700^TSH^99USL^^^^20130421||N/A|||84443^Thyroid Stimulating Hormone (TSH)^C4^^^^19.2

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

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

CDM|610^Pap Test^99USL^^^^20130421||N/A|||88142^Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thinlayer preparation;manual screening under physician supervision.^C4~88141^Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician^C4

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

CDM|1010^Hepatitis C RNA PCR^99USL^^^^20130421||N/A|||87522^Hepatitis C Viral RNA, Quantitative, Real-Time PCR^C4^^^^19.2

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

CDM|1000^Hepatitis A B C Panel\_ With Reflex^99USL^^^^20130421||N/A|||80074^Acute Hepatitis panel^C4^^^^19.2~86704^Hepatitis A Antibody, Total^C4^^^^19.2~86706^Hepatitis B Surface Antibody^C4^^^^19.2~86708^Qualitative; Hepatitis B Surface Antigen^C4^^^^19.2~86803^Hepatitis B Core Antibody, Total^C4^^^^19.2~87340^Hepatitis C Antibody^C4^^^^19.2

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

CDM|1506^Penicillin^99USL^^^^20130421||N/A|||87181^Susceptibility studies, antimicrobial agent; agar diffusion method, per agent^C4^^^^19.2

MFE|MAD||20131219145310|1200^Creatinine Clearance^99USL^^^^20130421|CWE

CDM|1200^Creatinine Clearance^99USL^^^^20130421||N/A|||82575^ creatinine clearance^C4^^^^19.2

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

CDM|800^GHP^99USL^^^^20130421||N/A|||84443^Thyroid Stimulating Hormone (TSH)^C4^^^^19.2~81003^URNLYSS, DP STCK OR TBLT

RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHT M

CRSCPYP^C4^^^^19.2~80053^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) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)^C4^^^^19.2~85025^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 SMEA  
R, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT^C4^^^19.2