

Description

The Laboratory Test Compendium from 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 being used by Dr. Nicholas Radon's practice EHR-S to place orders electronically to Century Hospital's Clinical Laboratory. Century Hospital has made the following changes to their test compendium:

- Added a stool culture, colony count and antibiotic susceptibility tests.

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

Comments

Update changes for addition of new individual observations.

PreCondition

EDOS_1.0_1.1-M08_New
and
EDOS_1.0_2.1-M10_New
and
EDOS_1.0_3.1-M04_New
and
EDOS_1.0_4.1-M18_New_Aproved
and
EDOS_1.0_5.1-M18_New_Limited
have been uploaded.

PostCondition

eDOS M08 data elements are incorporated appropriately into the EHR-S.

TestObjectives

- Demonstrate capability to support a M08 update message - action: addition
- Demonstrate capability to support for an OM3 segment.
- Demonstrate capability to support the repeating field in OM3-5 (Abnormal Tests/Codes for Categorical Observations), OM4-3 (Container Description), OM4-4 (Container Volume), and OM4-5 (Container Units).
- Demonstrate capability to support repeating segments for OM4.

Test Case Information

EDOS_2.1_1.1-M08-NG - M08_Update_add

Test Case ID

EDOS_2.1_1.1-M08_NG

MSH

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	^~&#	IG Fixed Data
MSH.3	Sending Application		
MSH.3.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20130421113601-0700	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M08	IG Fixed Data
MSH.9.3	Message Structure	MFN_M08	IG Fixed Data
MSH.10	Message Control ID	EDOS_2.1_1.1-M08-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	D	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.21	Message Profile Identifier		
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
MSH.21[2]	Message Profile Identifier		
MSH.21[2].1	Entity Identifier	EDOS_NG_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS NG Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.69	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data

MFI

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

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	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	1101	Changeable Data
MFE.4.2	Text	Stool culture	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

OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	1	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1101	Changeable Data
OM1.2.2	Text	Stool culture	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	Y	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	625-4	Test Case Fixed Data
OM1.7.2	Text	Bacteria identified in Stool by Culture	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Stool Culture	Changeable Data
OM1.12	Orderability	Y	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling., delivery over 72 hours.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	625-4	Changeable Data
OM1.56.2	Text	Bacteria identified in Stool by Culture	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1101	Changeable Data
OM1.56.5	Alternate Text	Stool culture	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

OM3

Location	Data Element	Data	Categorization
OM3.1	Sequence Number - Test/Observation Master File	1	IG Fixed Data
OM3.4	Normal Text/Codes for Categorical Observations		
OM3.4.1	Identifier	260385009	Test Case Fixed Data
OM3.4.2	Text	Negative (qualifier value)	Configurable Data
OM3.4.3	Name of Coding System	SCT	Test Case Fixed Data
OM3.4.7	Coding System Version ID	20130731	Changeable Data
	Abnormal Text/Codes for Categorical		

OM3.5 Location	Observations Data Element	Data	Categorization
OM3.5.1	Identifier	85729005	Test Case Fixed Data
OM3.5.2	Text	Shigella flexneri	Configurable Data
OM3.5.3	Name of Coding System	SCT	Test Case Fixed Data
OM3.5.7	Coding System Version ID	20130731	Changeable Data
OM3.5[2]	Abnormal Text/Codes for Categorical Observations		
OM3.5[2].1	Identifier	398567006	Test Case Fixed Data
OM3.5[2].2	Text	Salmonella I, group O:4	Configurable Data
OM3.5[2].3	Name of Coding System	SCT	Test Case Fixed Data
OM3.5[2].7	Coding System Version ID	20130731	Changeable Data
OM3.5[3]	Abnormal Text/Codes for Categorical Observations		
OM3.5[3].1	Identifier	103429008	Test Case Fixed Data
OM3.5[3].2	Text	Enterohemorrhagic Escherichia coli, serotype O157:H7	Configurable Data
OM3.5[3].3	Name of Coding System	SCT	Test Case Fixed Data
OM3.5[3].7	Coding System Version ID	20130731	Changeable Data
OM3.7	Value Type	CWE	Test Case Fixed Data

OM4

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	1.1	IG Fixed Data
OM4.3	Container Description	Enteric Pathogen Transport System - Cary Blair	Changeable Data
OM4.4	Container Volume	15.0	Changeable Data
OM4.5	Container Units		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliter	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data
OM4.6	Specimen		
OM4.6.1	Identifier	119339001	Test Case Fixed Data
OM4.6.2	Text	Stool specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
OM4.7	Additive		
OM4.7.1	Identifier	CARY	Changeable Data
OM4.7.2	Text	Cary Blair Medium	Changeable Data
OM4.7.3	Name of Coding System	HL70371	Changeable Data
OM4.10	Normal Collection Volume		
OM4.10.1	Quantity	10	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliter	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
OM4.11	Minimum Collection Volume		
OM4.11.1	Quantity	5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliter	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated	Changeable Data

OM4.15.2	Name of Coding System	HL70376	IG Fixed Data
Location	Data Element	Data	Categorization
OM4.16	Specimen Preference	P	Test Case Fixed Data

OM4

Location	Data Element	Data	Categorization
OM4.1	Sequence Number - Test/Observation Master File	1.2	IG Fixed Data
OM4.3	Container Description	Enteric Pathogen Transport System - Para Pak C and S	Changeable Data
OM4.3[2]	Container Description	Enteric Pathogen Transport System - buffered glycerol saline	Changeable Data
OM4.4	Container Volume	15.0	Changeable Data
OM4.4[2]	Container Volume	15.0	Changeable Data
OM4.5	Container Units		
OM4.5.1	Identifier	mL	Changeable Data
OM4.5.2	Text	milliliter	Changeable Data
OM4.5.3	Name of Coding System	UCUM	Changeable Data
OM4.5.7	Coding System Version ID	1.8	Changeable Data
OM4.5[2]	Container Units		
OM4.5[2].1	Identifier	mL	Changeable Data
OM4.5[2].2	Text	milliliter	Changeable Data
OM4.5[2].3	Name of Coding System	UCUM	Changeable Data
OM4.5[2].7	Coding System Version ID	1.8	Changeable Data
OM4.6	Specimen		
OM4.6.1	Identifier	119339001	Test Case Fixed Data
OM4.6.2	Text	Stool specimen	Changeable Data
OM4.6.3	Name of Coding System	SCT	Test Case Fixed Data
OM4.6.7	Coding System Version ID	201509-US Ed	Changeable Data
OM4.10	Normal Collection Volume		
OM4.10.1	Quantity	10	Changeable Data
OM4.10.2	Units		
OM4.10.2.1	Identifier	mL	Changeable Data
OM4.10.2.2	Text	milliliter	Changeable Data
OM4.10.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.10.2.7	Coding System Version ID	1.8	Changeable Data
OM4.11	Minimum Collection Volume		
OM4.11.1	Quantity	5	Changeable Data
OM4.11.2	Units		
OM4.11.2.1	Identifier	mL	Changeable Data
OM4.11.2.2	Text	milliliter	Changeable Data
OM4.11.2.3	Name of Coding System	UCUM	IG Fixed Data
OM4.11.2.7	Coding System Version ID	1.8	Changeable Data
OM4.15	Specimen Handling Code		
OM4.15.1	Identifier	REF	Changeable Data
OM4.15.2	Text	Refrigerated	Changeable Data
OM4.15.3	Name of Coding System	HL70376	IG Fixed Data
OM4.16	Specimen Preference	A	Test Case Fixed Data
OM4.17	Preferred Specimen/Attribute Sequence	1.1	Test Case Fixed Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1102	Changeable Data
MFE.4.2	Text	Colony Count	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

OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	2	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1102	Changeable Data
OM1.2.2	Text	Colony Count	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	Y	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	564-5	Test Case Fixed Data
OM1.7.2	Text	COLONY COUNT	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Colony Count	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	564-5	Changeable Data
OM1.56.2	Text	COLONY COUNT	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1102	Changeable Data
OM1.56.5	Alternate Text	Colony Count	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1501	Changeable Data
MFE.4.2	Text	Ciprofloxacin	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data

MFE Location	Primary Key Value Element	CWE	Data	IG Fixed Data	Categorization
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OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	3	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1501	Changeable Data
OM1.2.2	Text	Ciprofloxacin	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	N	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	185-9	Test Case Fixed Data
OM1.7.2	Text	Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Ciprofloxacin MIC	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	185-9	Changeable Data
OM1.56.2	Text	Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1501	Changeable Data
OM1.56.5	Alternate Text	Ciprofloxacin	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1502	Changeable Data
MFE.4.2	Text	Gentamicin	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data

MFE Location	Primary Key Value	Data Element	CWE	Data	IG Fixed Data	Categorization
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OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	4	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1502	Changeable Data
OM1.2.2	Text	Gentamicin	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	N	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	267-5	Test Case Fixed Data
OM1.7.2	Text	Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Gentamicin MIC	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	267-5	Changeable Data
OM1.56.2	Text	Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1502	Changeable Data
OM1.56.5	Alternate Text	Gentamicin	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1503	Changeable Data
MFE.4.2	Text	Ampicillin	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data

MFE Location	Primary Key Value	Data Element	CWE	Data	IG Fixed Data	Categorization
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OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	5	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1503	Changeable Data
OM1.2.2	Text	Ampicillin	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	N	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	28-1	Changeable Data
OM1.7.2	Text	Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Ampicillin MIC	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	28-1	Changeable Data
OM1.56.2	Text	Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1503	Changeable Data
OM1.56.5	Alternate Text	Ampicillin	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1504	Changeable Data
MFE.4.2	Text	Amoxicillin+Clavulanate	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data

MFE Location	Primary Key Value	Data Element	CWE	Data	IG Fixed Data	Categorization
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OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	6	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1504	Changeable Data
OM1.2.2	Text	Amoxicillin+Clavulanate	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	N	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	20-8	Test Case Fixed Data
OM1.7.2	Text	Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Amoxicillin+Clavulanate	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	20-8	Changeable Data
OM1.56.2	Text	Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1504	Changeable Data
OM1.56.5	Alternate Text	Amoxicillin+Clavulanate	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MAD	Test Case Fixed Data
MFE.3	Effective Date/Time		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	Primary Key Value - MFE		
MFE.4.1	Identifier	1505	Changeable Data
MFE.4.2	Text	Trimethoprim-sulfamethoxazole	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data

MFE	Location	Primary Key	Data Element	Value Type	CWE	Data	IG Fixed Data	Categorization
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OM1

Location	Data Element	Data	Categorization
OM1.1	Sequence Number - Test/Observation Master File	7	IG Fixed Data
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1505	Changeable Data
OM1.2.2	Text	Trimethoprim-sulfamethoxazole	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.2.7	Coding System Version ID	20130421	Changeable Data
OM1.4	Specimen Required	N	Changeable Data
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	Changeable Data
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.5.3	Name of Coding System	99USL	Changeable Data
OM1.5.7	Coding System Version ID	2013	Changeable Data
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	516-5	Test Case Fixed Data
OM1.7.2	Text	Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.7.3	Name of Coding System	LN	Test Case Fixed Data
OM1.9	Preferred Report Name for the Observation	Trimethoprim-sulfamethoxazole MIC	Changeable Data
OM1.12	Orderability	N	Test Case Fixed Data
OM1.18	Nature of Service/Test/Observation	A	Test Case Fixed Data
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	Changeable Data
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	Changeable Data
OM1.48	Exclusive Test	N	Changeable Data
OM1.49	Diagnostic Service Sector ID	LAB	Changeable Data
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	516-5	Changeable Data
OM1.56.2	Text	Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC)	Changeable Data
OM1.56.3	Name of Coding System	LN	Test Case Fixed Data
OM1.56.4	Alternate Identifier	1505	Changeable Data
OM1.56.5	Alternate Text	Trimethoprim-sulfamethoxazole	Changeable Data
OM1.56.6	Name of Alternate Coding System	99USL	Changeable Data
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	Changeable Data
OM1.57.2	Units		
OM1.57.2.2	Text	day	Changeable Data

Element	Data
Identifier	OMM
Event code	UPD

Test Details - Stool culture

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Stool culture
Test/Panel identifier (code system)	1101 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	Bacteria identified in Stool by Culture
Test/Panel other identifier (code system)	625-4 (LN)
Preferred Report Name	Stool Culture
Is the test/panel orderable ?	Y
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling, delivery over 72 hours.
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Categorical test details

Element	Data
Normal Text/Codes	Negative (qualifier value)
Normal Text/Codes (code & code system)	260385009 (SCT)
Abnormal Text/Codes	Shigella flexneri
Abnormal Text/Codes (code & code system)	85729005 (SCT)
Abnormal Text/Codes	Salmonella I, group O:4
Abnormal Text/Codes (code & code system)	398567006 (SCT)
Abnormal Text/Codes	Enterohemorrhagic Escherichia coli, serotype O157:H7
Abnormal Text/Codes (code & code system)	103429008 (SCT)
Value type	CWE

Specimen information details

Element	Data
Sequence ID	1.1
Container description	Enteric Pathogen Transport System - Cary Blair
Container volume	15.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119339001 (SCT)
Specimen (code & code system)	CARY (HL70371)
Normal collection volume	10
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Handling Code	Refrigerated

Specimen Handling Code (code & code system)	REF (HL70376)
Specimen Preference	P

Specimen information details

Element	Data
Sequence ID	1.2
Container description	Enteric Pathogen Transport System - Para Pak C and S
Container description	Enteric Pathogen Transport System - buffered glycerol saline
Container volume	15.0
Container volume	15.0
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Container units	milliliter
Container units (code & code system)	mL (UCUM)
Specimen (code & code system)	119339001 (SCT)
Normal collection volume	10
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Normal collection volume	5
Normal collection volume unit	milliliter
Normal collection volume unit (code & code system)	mL (UCUM)
Specimen Handling Code	Refrigerated
Specimen Handling Code (code & code system)	REF (HL70376)
Specimen Preference	A
Preferred Specimen Sequence ID	1.1

Test Details - Colony Count

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Colony Count
Test/Panel identifier (code system)	1102 (99USL)

General information

Element	Data
Specimen required ?	Y
Test/Panel other name	COLONY COUNT
Test/Panel other identifier (code system)	564-5 (LN)
Preferred Report Name	Colony Count
Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Test Details - Ciprofloxacin

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Ciprofloxacin

Test/Panel identifier (code system)

1501 (99USL)

General information

Element	Data
Specimen required ?	N
Test/Panel other name	Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)
Test/Panel other identifier (code system)	185-9 (LN)
Preferred Report Name	Ciprofloxacin MIC
Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling,
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Test Details - Gentamicin

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Gentamicin
Test/Panel identifier (code system)	1502 (99USL)

General information

Element	Data
Specimen required ?	N
Test/Panel other name	Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)
Test/Panel other identifier (code system)	267-5 (LN)
Preferred Report Name	Gentamicin MIC
Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling,
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Test Details - Ampicillin

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Ampicillin
Test/Panel identifier (code system)	1503 (99USL)

General information

Element	Data
Specimen required ?	N
Test/Panel other name	Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)
Test/Panel other identifier (code system)	28-1 (LN)
Preferred Report Name	Ampicillin MIC

Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Test Details - Amoxicillin+Clavulanate

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Amoxicillin+Clavulanate
Test/Panel identifier (code system)	1504 (99USL)

General information

Element	Data
Specimen required ?	N
Test/Panel other name	Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)
Test/Panel other identifier (code system)	20-8 (LN)
Preferred Report Name	Amoxicillin+Clavulanate
Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

Test Details - Trimethoprim-sulfamethoxazole

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Trimethoprim-sulfamethoxazole
Test/Panel identifier (code system)	1505 (99USL)

General information

Element	Data
Specimen required ?	N
Test/Panel other name	Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC)
Test/Panel other identifier (code system)	516-5 (LN)
Preferred Report Name	Trimethoprim-sulfamethoxazole MIC
Is the test/panel orderable ?	N
Nature	A
Factors that may affect the test	Insufficient specimen, Improper labeling
Schedule	Monday through Friday
Is the test exclusive ?	N
Diagnostic Service Sector	LAB
Expected turn around time	3 day

MSH|^~&#NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M08^MFN_M08|EDOS_2.1_1.1-M08-NG|D|2.5.1|||||EDOS_Common_Component^EDOS Base Profile^2.16.840.1.113883.9.69^ISO~EDOS_NG_Component^EDOS NG Profile^2.16.840.1.113883.9.69^ISO

MFI|OMM^Mixed type observation master file^HL70175^2.5.1||UPD||NE

MFE|MAD||20131219145310|1101^Stool culture^99USL^20130421|CWE

OM1|1|1101^Stool culture^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||625-4^Bacteria identified in Stool by Culture^LN||Stool Culture||Y|||||A|||||Insufficient specimen, Improper labeling, delivery over 72 hours.|Monday through Friday|||||N|LAB|||||625-4^Bacteria identified in Stool by Culture^LN^1101^Stool culture^99USL|3^&day

OM3|1||260385009^Negative (qualifier value)^SCT^20130731|85729005^Shigella flexneri^SCT^20130731~398567006^Salmonella I, group O:4^SCT^20130731~103429008^Enterohemorrhagic Escherichia coli, serotype O157:H7^SCT^20130731|CWE

OM4|1.1||Enteric Pathogen Transport System - Cary Blair|15.0|mL^milliliter^UCUM^1.8|119339001^Stool specimen^SCT^201509-US Ed|CARY^Cary Blair Medium^HL70371||10^mL&milliliter&UCUM&&&&1.8|5^mL&milliliter&UCUM&&&&1.8||REF^Refrigerated^HL70376|P

OM4|1.2||Enteric Pathogen Transport System - Para Pak C and S~Enteric Pathogen Transport System - buffered glycerol saline|15.0~15.0|mL^milliliter^UCUM^1.8~mL^milliliter^UCUM^1.8|119339001^Stool specimen^SCT^201509-US Ed||10^mL&milliliter&UCUM&&&&1.8|5^mL&milliliter&UCUM&&&&1.8||REF^Refrigerated^HL70376|A|1.1

MFE|MAD||20131219145310|1102^Colony Count^99USL^20130421|CWE

OM1|2|1102^Colony Count^99USL^20130421||Y|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||564-5^COLONY COUNT^LN||Colony Count||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||564-5^COLONY COUNT^LN^1102^Colony Count^99USL|3^&day

MFE|MAD||20131219145310|1501^Ciprofloxacin^99USL^20130421|CWE

OM1|3|1501^Ciprofloxacin^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||185-9^Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN||Ciprofloxacin MIC||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||185-9^Ciprofloxacin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN^1501^Ciprofloxacin^99USL|3^&day

MFE|MAD||20131219145310|1502^Gentamicin^99USL^20130421|CWE

OM1|4|1502^Gentamicin^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||267-5^Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN||Gentamicin MIC||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||267-5^Gentamicin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN^1502^Gentamicin^99USL|3^&day

MFE|MAD||20131219145310|1503^Ampicillin^99USL^20130421|CWE

OM1|5|1503^Ampicillin^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||28-1^Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN||Ampicillin MIC||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||28-1^Ampicillin [Susceptibility] by Minimum inhibitory concentration (MIC)^LN^1503^Ampicillin^99USL|3^&day

MFE|MAD||20131219145310|1504^Amoxicillin+Clavulanate^99USL^20130421|CWE

OM1|6|1504^Amoxicillin+Clavulanate^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||20-8^Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)^LN||Amoxicillin+Clavulanate||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||20-8^Amoxicillin+Clavulanate [Susceptibility] by Minimum inhibitory concentration (MIC)^LN^1504^Amoxicillin+Clavulanate^99USL|3^&day

MFE|MAD||20131219145310|1505^Trimethoprim-sulfamethoxazole^99USL^20130421|CWE

OM1|7|1505^Trimethoprim-sulfamethoxazole^99USL^20130421||N|05D0669071^Century Hospital Clinical Laboratory^99USL^2013||516-5^Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC)^LN||Trimethoprim-sulfamethoxazole MIC||N|||||A|||||Insufficient specimen, Improper labeling.|Monday through Friday|||||N|LAB|||||516-5^Trimethoprim+Sulfamethoxazole [Susceptibility] by Minimum inhibitory concentration (MIC)^LN^1505^Trimethoprim-sulfamethoxazole^99USL|3^&day

