

Description

The laboratory at Century Hospital, 2070 Test Park, Los Angeles, CA 90067 received a blood specimen from Dr. Radon's office on patient Willow C. Jones for a complete blood count (CBC) test. The patient was identified in the system as a 14 year old white female. The blood specimen was analyzed and the final result revealed high WBC, particularly Lymphocytes and Neutrophils as well as high hematocrit, MCV and MCH. The final test result report was generated by the LIS and transmitted to the patient's record in the ambulatory EHR used in Dr. Radon's office.

The following morning, Dr. Radon upon review of results noticed that the Willow's Date of birth was listed as 12/27/2001, but Willow is only 4 years old, not 14. Dr. Radon notified the lab to correct the Date of Birth to 12/27/2010. The lab reviewed the results and adjusts the normal ranges for the observations based on the updated age from adult reference ranges to 4 year old and re-issued the report as amended, leaving only the elevated WBC, with increased Neutrophils and a low hemoglobin as abnormal results. The laboratory included a comment, stating, "The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail."

Comments

This test case is evaluating the proper use of OBR-22 to establish chronological order of reports and correct use of the status codes in OBR-25 and OBX-11 for results in an amended report.

PreCondition

Patient information is pre-loaded in the EHR-S.
and Test case LRI_2.2_1.1-NG message has previously been sent.

PostCondition

The test message information received by the EHR-S has been incorporated with the patient's record.

TestObjectives

- Demonstrate the capability of the EHR-S to update the patient record when interpretations and reference ranges were changed due to demographic information updates in an amended report.

Notes to Testers

Run LRI_2.2_1.1-NG prior to this test case. This test case requires display verification only.

Concentrate on the following areas:

Result Report Status (OBR-25) changed from F to C

An additional comment (NTE after OBR) is displayed under the Order

No change to Result value (OBX-5), but changes to Reference Ranges (OBX-7) in most cases, interpretation (OBX-8) in some (hemoglobin, hematocrit, MCV, MCH, Lymphocytes) and Result Status (OBX-11) has changed from F to A, where changes have occurred.

Test Case Information

LRI_2.2_2.1-NG - Typically Populated CBC message - wrong patient

Test Case ID

LRI_2.2_2.1-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	20150926140551	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	ORU	IG Fixed Data
MSH.9.2	Event Type	R01	IG Fixed Data
MSH.9.3	Message Structure	ORU_R01	IG Fixed Data
MSH.10	Message Control ID	LRI_2.2_2.1-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.15	Accept Acknowledgment Type	AL	IG Fixed Data
MSH.16	Application Acknowledgment Type	AL	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	LRI_Common_Component	IG Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.16	IG Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data
MSH.21[2]	Message Profile Identifier		
MSH.21[2].1	Entity Identifier	LRI_NG_Component	IG Fixed Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.13	IG Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data
MSH.21[3]	Message Profile Identifier		
MSH.21[3].1	Entity Identifier	LRI_FRU_Component	IG Fixed Data
MSH.21[3].3	Universal ID	2.16.840.1.113883.9.83	IG Fixed Data
MSH.21[3].4	Universal ID Type	ISO	IG Fixed Data

PID

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	IG Fixed Data
PID.3	Patient Identifier List		
PID.3.1	ID Number	PATID1249	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	NIST MPI	Changeable Data
PID.3.5	Identifier Type Code	MR	Configurable Data
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Jones	Changeable Data
PID.5.2	Given Name	Willow	Changeable Data
PID.5.3	Second and Further Given Names or Initials Thereof	A	Changeable Data
PID.5.7	Name Type Code	L	Changeable Data

PID.7	Location	Date/Time of Birth	Data Element	Data	Categorization
PID.7.1		Time		20101227	Changeable Data
PID.8	Administrative Sex			F	Changeable Data
PID.10	Race				
PID.10.1		Identifier		2106-3	Changeable Data
PID.10.2		Text		White	Changeable Data
PID.10.3		Name of the Coding System		HL70005	Changeable Data
PID.18	Patient Account Number				
PID.18.1		ID Number		PATID1240	Configurable Data
PID.18.4		Assigning Authority			
PID.18.4.1		Namespace ID		NIST MPI	Changeable Data
PID.18.5		Identifier Type Code		AN	Configurable Data

ORC

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD666666	Changeable Data
ORC.2.2	Namespace ID	NIST EHR	Changeable Data
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	R-991133	Changeable Data
ORC.3.2	Namespace ID	NIST Lab Filler	Changeable Data
ORC.4	Placer Group Number		
ORC.4.1	Entity Identifier	GORD874233	Changeable Data
ORC.4.2	Namespace ID	NIST EHR	Changeable Data
ORC.12	Ordering Provider		
ORC.12.1	ID Number	5742200012	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Radon	Changeable Data
ORC.12.3	Given Name	Nicholas	Changeable Data
ORC.12.4	Second and Further Given Names or Initials Thereof	M	Changeable Data
ORC.12.6	Prefix (e.g., DR)	DR	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Changeable Data
ORC.12.10	Name Type Code	L	Changeable Data
ORC.12.13	Identifier Type Code	NPI	Changeable Data

OBR

Location	Data Element	Data	Categorization
OBR.1	Set ID - OBR	1	IG Fixed Data
OBR.2	Placer Order Number		
OBR.2.1	Entity Identifier	ORD666666	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Changeable Data
OBR.3	Filler Order Number		
OBR.3.1	Entity Identifier	R-991133	Changeable Data
OBR.3.2	Namespace ID	NIST Lab Filler	Changeable Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	57021-8	Test Case Fixed Data
OBR.4.2	Text	CBC W Auto Differential panel in Blood	Test Case Fixed Data
OBR.4.3	Name of Coding System	LN	Test Case Fixed Data
OBR.4.4	Alternate Identifier	200	Changeable Data
OBR.4.5	Alternate Text	CBC_diff	Changeable Data
OBR.4.6	Name of Alternate Coding System	99USL	Changeable Data
OBR.4.7	Coding System Version	2.52	Changeable Data
OBR.4.9	Original Text	Complete Blood Count	Changeable Data
OBR.7	Observation Date/Time		

Location	Data Element	Data	Categorization
OBR.7.1	Time	201509251400	Changeable Data
OBR.16	Ordering Provider		
OBR.16.1	ID Number	5742200012	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Radon	Changeable Data
OBR.16.3	Given Name	Nicholas	Changeable Data
OBR.16.4	Second and Further Given Names or Initials Thereof	M	Changeable Data
OBR.16.6	Prefix (e.g., DR)	DR	Changeable Data
OBR.16.9	Assigning Authority		
OBR.16.9.1	Namespace ID	NPI	Changeable Data
OBR.16.10	Name Type Code	L	Changeable Data
OBR.16.13	Identifier Type Code	NPI	Changeable Data
OBR.22	Results Rpt/Status Chng - Date/Time		
OBR.22.1	Time	20150926143000-0800	Changeable Data
OBR.25	Result Status	C	Test Case Fixed Data

NTE

Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	IG Fixed Data
NTE.3	Comment	The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail.	Changeable Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26453-1	Test Case Fixed Data
OBX.3.2	Text	Erythrocytes [# /volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Erythrocytes [# /volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	4.41	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	10*6/uL	Changeable Data
OBX.6.2	Text	million per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	4.10 to 4.90	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data

Location	Data Element	Data	Categorization
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	718-7	Test Case Fixed Data
OBX.3.2	Text	Hemoglobin [Mass/volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Hemoglobin [Mass/volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	12.5	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	g/mL	Changeable Data
OBX.6.2	Text	grams per milliliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	10.7 to 12.7	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.6.2	Universal ID	2.16.840.1.113883.4.7	Changeable Data
OBX.23.6.3	Universal ID Type	ISO	IG Fixed Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		

OBX.24.1.1 Location	Street or Mailing Address Data Element	2070 Test Park Data	Changeable Data Categorization
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	20570-8	Test Case Fixed Data
OBX.3.2	Text	Hematocrit [Volume Fraction] of Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Hematocrit [Volume Fraction] of Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	41	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	%	Changeable Data
OBX.6.2	Text	percent	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	32.0 to 37.1	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.6.2	Universal ID	2.16.840.1.113883.4.7	Changeable Data
OBX.23.6.3	Universal ID Type	ISO	IG Fixed Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data

OBX.24.5 Location	Zip or Postal Code Data Element	90067 Data	Changeable Data Categorization
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26464-8	Test Case Fixed Data
OBX.3.2	Text	Leukocytes [#/volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Leukocytes [#/volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	15000	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	{cells}/uL	Changeable Data
OBX.6.2	Text	cells per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	5300 to 11500	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data

OBX.25.2 Location	Family Name Data Element	Data	Categorization
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	5	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26515-7	Test Case Fixed Data
OBX.3.2	Text	Platelets [#/volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Platelets [#/volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	210000	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	{cells}/uL	Changeable Data
OBX.6.2	Text	cells per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	204000 to 402000	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		

OBX.25.9.1 Location	Namespace ID Data Element	NPI Data	Changeable Data Categorization
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	6	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30428-7	Test Case Fixed Data
OBX.3.2	Text	Erythrocyte mean corpuscular volume [Entitic volume]	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Erythrocyte mean corpuscular volume [Entitic volume]	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	91	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	fL	Changeable Data
OBX.6.2	Text	femtoliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	73.8 to 84.3	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data

OBX.29	Location	Observation ID	Data Element	RSLT	Data	Test Case Fixed Data	Categorization
--------	----------	----------------	--------------	------	------	----------------------	----------------

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	7	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	28539-5	Test Case Fixed Data
OBX.3.2	Text	Erythrocyte mean corpuscular hemoglobin [Entitic mass]	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Erythrocyte mean corpuscular hemoglobin [Entitic mass]	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	29	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	pg/{cell}	Changeable Data
OBX.6.2	Text	picograms per cell	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	23.3 to 28.6	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
----------	--------------	------	----------------

OBX Location	Set ID - OBX Data Element	8 Data	IG Fixed Categorization
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	28540-3	Test Case Fixed Data
OBX.3.2	Text	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	32.4	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	g/dL	Changeable Data
OBX.6.2	Text	grams per deciliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	31.9 to 35	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	9	IG Fixed Data

OBX.2	Location	Value Type	Data Element	NM	Data	Test Case Fixed Data	Categorization
OBX.3	Observation Identifier						
OBX.3.1	Identifier			30385-9		Test Case Fixed Data	
OBX.3.2	Text			Erythrocyte distribution width [Ratio]		Test Case Fixed Data	
OBX.3.3	Name of the Coding System			LN		Test Case Fixed Data	
OBX.3.7	Coding System Version			2.52		Changeable Data	
OBX.3.9	Original Text			Erythrocyte distribution width [Ratio]		Test Case Fixed Data	
OBX.4	Observation Sub-ID						
OBX.4.2	Group			1		Test Case Fixed Data	
OBX.4.3	Sequence			1		Test Case Fixed Data	
OBX.5	Observation Value			10.5		Test Case Fixed Data	
OBX.6	Units						
OBX.6.1	Identifier			%		Changeable Data	
OBX.6.2	Text			percent		Changeable Data	
OBX.6.3	Name of the Coding System			UCUM		Changeable Data	
OBX.6.7	Coding System Version			1.9		Changeable Data	
OBX.7	Reference Range			10.2 to 14.5		Changeable Data	
OBX.8	Abnormal Flags			N		Test Case Fixed Data	
OBX.11	Observation Result Status			F		Test Case Fixed Data	
OBX.14	Date/Time of the Observation						
OBX.14.1	Time			201509251400		Changeable Data	
OBX.19	Date/Time of the Analysis						
OBX.19.1	Time			201509251930		Changeable Data	
OBX.23	Performing Organization Name						
OBX.23.1	Organization Name			Century Hospital		Changeable Data	
OBX.23.6	Assigning Authority						
OBX.23.6.1	Namespace ID			CLIA		Changeable Data	
OBX.23.7	Identifier Type Code			XX		Changeable Data	
OBX.23.10	Organization Identifier			24D9871327		Changeable Data	
OBX.24	Performing Organization Address						
OBX.24.1	Street Address						
OBX.24.1.1	Street or Mailing Address			2070 Test Park		Changeable Data	
OBX.24.3	City			Los Angeles		Changeable Data	
OBX.24.4	State or Province			CA		Changeable Data	
OBX.24.5	Zip or Postal Code			90067		Changeable Data	
OBX.24.7	Address Type			B		Changeable Data	
OBX.25	Performing Organization Medical Director						
OBX.25.1	ID Number			5432178916		Changeable Data	
OBX.25.2	Family Name						
OBX.25.2.1	Surname			Knowsalot		Changeable Data	
OBX.25.3	Given Name			Phil		Changeable Data	
OBX.25.6	Prefix (e.g., DR)			Dr.		Changeable Data	
OBX.25.9	Assigning Authority						
OBX.25.9.1	Namespace ID			NPI		Changeable Data	
OBX.25.9.2	Universal ID			2.16.840.1.113883.4.6		Changeable Data	
OBX.25.9.3	Universal ID Type			ISO		IG Fixed Data	
OBX.25.10	Name Type Code			L		Changeable Data	
OBX.25.13	Identifier Type Code			NPI		Changeable Data	
OBX.29	Observation Type			RSLT		Test Case Fixed Data	

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	10	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26444-0	Test Case Fixed Data

OBX.3.2	Text	Basophils [# /volume] in Blood	Test Case Fixed Data
Location	Data Element	Data	Categorization
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Basophils [# /volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	0.1	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	10*3/uL	Changeable Data
OBX.6.2	Text	thousand per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	0 to 0.3	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	F	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	11	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30180-4	Test Case Fixed Data
OBX.3.2	Text	Basophils/100 leukocytes in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data

OBX.3.9 Location	Original Text Data Element	Basophils/100 leukocytes in Blood Data	Test Case Fixed Data Categorization
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	0.1	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	%	Changeable Data
OBX.6.2	Text	percent	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	0 to 2	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	F	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	12	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26484-6	Test Case Fixed Data
OBX.3.2	Text	Monocytes [#/volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Monocytes [#/volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data

OBX.4.3 Location	Sequence	Data Element	1	Data	Test Case Fixed Data Categorization
OBX.5		Observation Value	3		Test Case Fixed Data
OBX.6		Units			
OBX.6.1		Identifier	10*3/uL		Changeable Data
OBX.6.2		Text	thousand per microliter		Changeable Data
OBX.6.3		Name of the Coding System	UCUM		Changeable Data
OBX.6.7		Coding System Version	1.9		Changeable Data
OBX.7		Reference Range	0.0 to 13.0		Changeable Data
OBX.8		Abnormal Flags	N		Test Case Fixed Data
OBX.11		Observation Result Status	F		Test Case Fixed Data
OBX.14		Date/Time of the Observation			
OBX.14.1		Time	201509251400		Changeable Data
OBX.19		Date/Time of the Analysis			
OBX.19.1		Time	201509251930		Changeable Data
OBX.23		Performing Organization Name			
OBX.23.1		Organization Name	Century Hospital		Changeable Data
OBX.23.6		Assigning Authority			
OBX.23.6.1		Namespace ID	CLIA		Changeable Data
OBX.23.7		Identifier Type Code	XX		Changeable Data
OBX.23.10		Organization Identifier	24D9871327		Changeable Data
OBX.24		Performing Organization Address			
OBX.24.1		Street Address			
OBX.24.1.1		Street or Mailing Address	2070 Test Park		Changeable Data
OBX.24.3		City	Los Angeles		Changeable Data
OBX.24.4		State or Province	CA		Changeable Data
OBX.24.5		Zip or Postal Code	90067		Changeable Data
OBX.24.7		Address Type	B		Changeable Data
OBX.25		Performing Organization Medical Director			
OBX.25.1		ID Number	5432178916		Changeable Data
OBX.25.2		Family Name			
OBX.25.2.1		Surname	Knowsalot		Changeable Data
OBX.25.3		Given Name	Phil		Changeable Data
OBX.25.6		Prefix (e.g., DR)	Dr.		Changeable Data
OBX.25.9		Assigning Authority			
OBX.25.9.1		Namespace ID	NPI		Changeable Data
OBX.25.9.2		Universal ID	2.16.840.1.113883.4.6		Changeable Data
OBX.25.9.3		Universal ID Type	ISO		IG Fixed Data
OBX.25.10		Name Type Code	L		Changeable Data
OBX.25.13		Identifier Type Code	NPI		Changeable Data
OBX.29		Observation Type	RSLT		Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	13	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26485-3	Test Case Fixed Data
OBX.3.2	Text	Monocytes/100 leukocytes in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Monocytes/100 leukocytes in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	3	Test Case Fixed Data
OBX.6	Units		

OBX.6.1 Location	Identifier	Data Element	%	Data	Changeable Data	Categorization
OBX.6.2	Text			percent		Changeable Data
OBX.6.3	Name of the Coding System			UCUM		Changeable Data
OBX.6.7	Coding System Version			1.9		Changeable Data
OBX.7	Reference Range			0 to 8		Changeable Data
OBX.8	Abnormal Flags			N		Test Case Fixed Data
OBX.11	Observation Result Status			A		Test Case Fixed Data
OBX.14	Date/Time of the Observation					
OBX.14.1	Time			201509251400		Changeable Data
OBX.19	Date/Time of the Analysis					
OBX.19.1	Time			201509251930		Changeable Data
OBX.23	Performing Organization Name					
OBX.23.1	Organization Name			Century Hospital		Changeable Data
OBX.23.6	Assigning Authority					
OBX.23.6.1	Namespace ID			CLIA		Changeable Data
OBX.23.7	Identifier Type Code			XX		Changeable Data
OBX.23.10	Organization Identifier			24D9871327		Changeable Data
OBX.24	Performing Organization Address					
OBX.24.1	Street Address					
OBX.24.1.1	Street or Mailing Address			2070 Test Park		Changeable Data
OBX.24.3	City			Los Angeles		Changeable Data
OBX.24.4	State or Province			CA		Changeable Data
OBX.24.5	Zip or Postal Code			90067		Changeable Data
OBX.24.7	Address Type			B		Changeable Data
OBX.25	Performing Organization Medical Director					
OBX.25.1	ID Number			5432178916		Changeable Data
OBX.25.2	Family Name					
OBX.25.2.1	Surname			Knowsalot		Changeable Data
OBX.25.3	Given Name			Phil		Changeable Data
OBX.25.6	Prefix (e.g., DR)			Dr.		Changeable Data
OBX.25.9	Assigning Authority					
OBX.25.9.1	Namespace ID			NPI		Changeable Data
OBX.25.9.2	Universal ID			2.16.840.1.113883.4.6		Changeable Data
OBX.25.9.3	Universal ID Type			ISO		IG Fixed Data
OBX.25.10	Name Type Code			L		Changeable Data
OBX.25.13	Identifier Type Code			NPI		Changeable Data
OBX.29	Observation Type			RSLT		Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	14	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26449-9	Test Case Fixed Data
OBX.3.2	Text	Eosinophils [#/volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Eosinophils [#/volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	0.1	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	10*3/uL	Changeable Data
OBX.6.2	Text	thousand per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data

OBX.6.7	Coding System Version	1.9	Changeable Data
Location	Data Element	Data	Categorization
OBX.7	Reference Range	0.0 to 0.45	Changeable Data
OBX.8	Abnormal Flags	HH	Test Case Fixed Data
OBX.11	Observation Result Status	F	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	15	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26450-7	Test Case Fixed Data
OBX.3.2	Text	Eosinophils/100 leukocytes in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Eosinophils/100 leukocytes in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	2	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	%	Changeable Data
OBX.6.2	Text	percent	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	0 to 6	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data

OBX.14	Location	Observation Data Element	Result Status	F	Data	Test Case Fixed Data	Categorization
OBX.14		Date/Time of the Observation					
	OBX.14.1	Time			201509251400		Changeable Data
OBX.19		Date/Time of the Analysis					
	OBX.19.1	Time			201509251930		Changeable Data
OBX.23		Performing Organization Name					
	OBX.23.1	Organization Name			Century Hospital		Changeable Data
	OBX.23.6	Assigning Authority					
	OBX.23.6.1	Namespace ID			CLIA		Changeable Data
	OBX.23.7	Identifier Type Code			XX		Changeable Data
	OBX.23.10	Organization Identifier			24D9871327		Changeable Data
OBX.24		Performing Organization Address					
	OBX.24.1	Street Address					
	OBX.24.1.1	Street or Mailing Address			2070 Test Park		Changeable Data
	OBX.24.3	City			Los Angeles		Changeable Data
	OBX.24.4	State or Province			CA		Changeable Data
	OBX.24.5	Zip or Postal Code			90067		Changeable Data
	OBX.24.7	Address Type			B		Changeable Data
OBX.25		Performing Organization Medical Director					
	OBX.25.1	ID Number			5432178916		Changeable Data
	OBX.25.2	Family Name					
	OBX.25.2.1	Surname			Knowsalot		Changeable Data
	OBX.25.3	Given Name			Phil		Changeable Data
	OBX.25.6	Prefix (e.g., DR)			Dr.		Changeable Data
	OBX.25.9	Assigning Authority					
	OBX.25.9.1	Namespace ID			NPI		Changeable Data
	OBX.25.9.2	Universal ID			2.16.840.1.113883.4.6		Changeable Data
	OBX.25.9.3	Universal ID Type			ISO		IG Fixed Data
	OBX.25.10	Name Type Code			L		Changeable Data
	OBX.25.13	Identifier Type Code			NPI		Changeable Data
OBX.29		Observation Type			RSLT		Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	16	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
	OBX.3.1	Identifier	26474-7
	OBX.3.2	Text	Lymphocytes [# /volume] in Blood
	OBX.3.3	Name of the Coding System	LN
	OBX.3.7	Coding System Version	2.52
	OBX.3.9	Original Text	Lymphocytes [# /volume] in Blood
OBX.4	Observation Sub-ID		
	OBX.4.2	Group	1
	OBX.4.3	Sequence	1
OBX.5	Observation Value	4.5	Test Case Fixed Data
OBX.6	Units		
	OBX.6.1	Identifier	10*3/uL
	OBX.6.2	Text	thousand per microliter
	OBX.6.3	Name of the Coding System	UCUM
	OBX.6.7	Coding System Version	1.9
OBX.7	Reference Range	1.0 to 3.5	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
	OBX.14.1	Time	201509251400

Location	Date/Time of the Analysis	Data Element	Data	Categorization
OBX.19.1	Time		201509251930	Changeable Data
OBX.23	Performing Organization Name			
OBX.23.1	Organization Name		Century Hospital	Changeable Data
OBX.23.6	Assigning Authority			
OBX.23.6.1	Namespace ID		CLIA	Changeable Data
OBX.23.7	Identifier Type Code		XX	Changeable Data
OBX.23.10	Organization Identifier		24D9871327	Changeable Data
OBX.24	Performing Organization Address			
OBX.24.1	Street Address			
OBX.24.1.1	Street or Mailing Address		2070 Test Park	Changeable Data
OBX.24.3	City		Los Angeles	Changeable Data
OBX.24.4	State or Province		CA	Changeable Data
OBX.24.5	Zip or Postal Code		90067	Changeable Data
OBX.24.7	Address Type		B	Changeable Data
OBX.25	Performing Organization Medical Director			
OBX.25.1	ID Number		5432178916	Changeable Data
OBX.25.2	Family Name			
OBX.25.2.1	Surname		Knowsalot	Changeable Data
OBX.25.3	Given Name		Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)		Dr.	Changeable Data
OBX.25.9	Assigning Authority			
OBX.25.9.1	Namespace ID		NPI	Changeable Data
OBX.25.9.2	Universal ID		2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type		ISO	IG Fixed Data
OBX.25.10	Name Type Code		L	Changeable Data
OBX.25.13	Identifier Type Code		NPI	Changeable Data
OBX.29	Observation Type		RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	17	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26478-8	Test Case Fixed Data
OBX.3.2	Text	Lymphocytes/100 leukocytes in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Lymphocytes/100 leukocytes in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	39	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	%	Changeable Data
OBX.6.2	Text	percent	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	13.0 to 48.0	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		

Location	Data Element	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	18	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26499-4	Test Case Fixed Data
OBX.3.2	Text	Neutrophils [# /volume] in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Neutrophils [# /volume] in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	10	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	10*3/uL	Changeable Data
OBX.6.2	Text	thousand per microliter	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	1.8 to 6.7	Changeable Data
OBX.8	Abnormal Flags	H	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data

Location	Data Element	Data	Categorization
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		
OBX.24.1	Street Address		
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	19	IG Fixed Data
OBX.2	Value Type	NM	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	26511-6	Test Case Fixed Data
OBX.3.2	Text	Neutrophils/100 leukocytes in Blood	Test Case Fixed Data
OBX.3.3	Name of the Coding System	LN	Test Case Fixed Data
OBX.3.7	Coding System Version	2.52	Changeable Data
OBX.3.9	Original Text	Neutrophils/100 leukocytes in Blood	Test Case Fixed Data
OBX.4	Observation Sub-ID		
OBX.4.2	Group	1	Test Case Fixed Data
OBX.4.3	Sequence	1	Test Case Fixed Data
OBX.5	Observation Value	55	Test Case Fixed Data
OBX.6	Units		
OBX.6.1	Identifier	%	Changeable Data
OBX.6.2	Text	percent	Changeable Data
OBX.6.3	Name of the Coding System	UCUM	Changeable Data
OBX.6.7	Coding System Version	1.9	Changeable Data
OBX.7	Reference Range	34.7 to 77.1	Changeable Data
OBX.8	Abnormal Flags	N	Test Case Fixed Data
OBX.11	Observation Result Status	A	Test Case Fixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	201509251400	Changeable Data
OBX.19	Date/Time of the Analysis		
OBX.19.1	Time	201509251930	Changeable Data
OBX.23	Performing Organization Name		
OBX.23.1	Organization Name	Century Hospital	Changeable Data
OBX.23.6	Assigning Authority		
OBX.23.6.1	Namespace ID	CLIA	Changeable Data
OBX.23.7	Identifier Type Code	XX	Changeable Data
OBX.23.10	Organization Identifier	24D9871327	Changeable Data
OBX.24	Performing Organization Address		

OBX.24.1 Location	Street Address Data Element	Data	Categorization
OBX.24.1.1	Street or Mailing Address	2070 Test Park	Changeable Data
OBX.24.3	City	Los Angeles	Changeable Data
OBX.24.4	State or Province	CA	Changeable Data
OBX.24.5	Zip or Postal Code	90067	Changeable Data
OBX.24.7	Address Type	B	Changeable Data
OBX.25	Performing Organization Medical Director		
OBX.25.1	ID Number	5432178916	Changeable Data
OBX.25.2	Family Name		
OBX.25.2.1	Surname	Knowsalot	Changeable Data
OBX.25.3	Given Name	Phil	Changeable Data
OBX.25.6	Prefix (e.g., DR)	Dr.	Changeable Data
OBX.25.9	Assigning Authority		
OBX.25.9.1	Namespace ID	NPI	Changeable Data
OBX.25.9.2	Universal ID	2.16.840.1.113883.4.6	Changeable Data
OBX.25.9.3	Universal ID Type	ISO	IG Fixed Data
OBX.25.10	Name Type Code	L	Changeable Data
OBX.25.13	Identifier Type Code	NPI	Changeable Data
OBX.29	Observation Type	RSLT	Test Case Fixed Data

SPM

Location	Data Element	Data	Categorization
SPM.1	Set ID - SPM	1	IG Fixed Data
SPM.2	Specimen ID		
SPM.2.1			
SPM.2.1.1		S-2015-66	Configurable Data
SPM.2.1.3		2.16.840.1.113883.3.72.5.24	Configurable Data
SPM.2.1.4		ISO	Changeable Data
SPM.2.2			
SPM.2.2.1		S-9911-33	Changeable Data
SPM.2.2.3		2.16.840.1.113883.3.72.5.25	Changeable Data
SPM.2.2.4		ISO	IG Fixed Data
SPM.4	Specimen Type		
SPM.4.1	Identifier	119297000	Changeable Data
SPM.4.2	Text	BLD	Changeable Data
SPM.4.3	Name of the Coding System	SCT	Changeable Data
SPM.4.7	Coding System Version	201509USED	Changeable Data
SPM.4.9	Original Text	Blood	Changeable Data
SPM.17	Specimen Collection Date/Time		
SPM.17.1	Range Start Date/Time		
SPM.17.1.1	Time	201509251400	Changeable Data

Patient Information

Element	Data
Name	Willow A Jones
Date/Time of Birth	12/27/2010
Administrative Sex	Female
Race	White
Alt Race	

Order Observation**Ordering Provider**

Element	Data
Name	DR Nicholas M Radon
Identifier number	5742200012

Observation Details

Element	Data
Observation General Information	
Placer Order Number	ORD666666
Filler Order Number	R-991133
Placer Group Number	GORD874233
Parent Universal Service Identifier	
Identifier	
Text	
Alt Identifier	
Alt Text	
Original Text	
Observation Details	
Universal Service Identifier	CBC W Auto Differential panel in Blood
Observation Date/Time	09/25/2015 2:00 PM
Observation end Date/Time	
Specimen Action Code	
Relevant Clinical Information	
Relevant Clinical Information Original Text	
Observation Result Information	
Result Status	C
Results Report/Status Change - Date/Time	09/26/2015 2:30 PM
Results Handling	
Standard	
Observation Notes	
Notes and comments	The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail.

Timing/Quantity Information

Element	Data
Priority	
Start Date/time	
End Date/time	

Results Performing Laboratory

Element	Data
Laboratory Name	Century Hospital
Organization identifier	24D9871327
Address	2070 Test Park Los Angeles CA 90067
Director Name	Dr. Phil Knowsalot
Director identifier	5432178916

Specimen Information

Element	Data
Specimen Type	BLD
Alt Specimen Type	
Specimen Original Text	Blood
Start date/time	201509251400

Lab results

Element		Data						
Test performed		Complete Blood Count						
Test Report date		09/26/2015 14:30						
Result Observation Name	Result	UOM	Range	Abnormal Flag	Status	Date/Time of Observation	Date/Time of Analysis	Notes
Erythrocytes [#volume] in Blood	4.41	million per microliter	4.10 to 4.90	N	A	09/25/2015 14:00	09/25/2015 19:30	
Hemoglobin [Mass/volume] in Blood	12.5	grams per milliliter	10.7 to 12.7	N	A	09/25/2015 14:00	09/25/2015 19:30	
Hematocrit [Volume Fraction] of Blood	41	percent	32.0 to 37.1	H	A	09/25/2015 14:00	09/25/2015 19:30	
Leukocytes [#volume] in Blood	15000	cells per microliter	5300 to 11500	H	A	09/25/2015 14:00	09/25/2015 19:30	
Platelets [#volume] in Blood	210000	cells per microliter	204000 to 402000	N	A	09/25/2015 14:00	09/25/2015 19:30	
Erythrocyte mean corpuscular volume [Entitic volume]	91	femtoliter	73.8 to 84.3	H	A	09/25/2015 14:00	09/25/2015 19:30	
Erythrocyte mean corpuscular hemoglobin [Entitic mass]	29	picograms per cell	23.3 to 28.6	H	A	09/25/2015 14:00	09/25/2015 19:30	

Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	32.4	grams per deciliter	31.9 to 35	N	A	09/25/2015 14:00	09/25/2015 19:30	
Erythrocyte distribution width [Ratio]	10.5	percent	10.2 to 14.5	N	F	09/25/2015 14:00	09/25/2015 19:30	
Basophils [#volume] in Blood	0.1	thousand per microliter	0 to 0.3	N	F	09/25/2015 14:00	09/25/2015 19:30	
Basophils/100 leukocytes in Blood	0.1	percent	0 to 2	N	F	09/25/2015 14:00	09/25/2015 19:30	
Monocytes [#volume] in Blood	3	thousand per microliter	0.0 to 13.0	N	F	09/25/2015 14:00	09/25/2015 19:30	
Monocytes/100 leukocytes in Blood	3	percent	0 to 8	N	A	09/25/2015 14:00	09/25/2015 19:30	
Eosinophils [#volume] in Blood	0.1	thousand per microliter	0.0 to 0.45	HH	F	09/25/2015 14:00	09/25/2015 19:30	
Eosinophils/100 leukocytes in Blood	2	percent	0 to 6	N	F	09/25/2015 14:00	09/25/2015 19:30	
Lymphocytes [#volume] in Blood	4.5	thousand per microliter	1.0 to 3.5	H	A	09/25/2015 14:00	09/25/2015 19:30	
Lymphocytes/100 leukocytes in Blood	39	percent	13.0 to 48.0	N	A	09/25/2015 14:00	09/25/2015 19:30	
Neutrophils [#volume] in Blood	10	thousand per microliter	1.8 to 6.7	H	A	09/25/2015 14:00	09/25/2015 19:30	
Neutrophils/100 leukocytes in Blood	55	percent	34.7 to 77.1	N	A	09/25/2015 14:00	09/25/2015 19:30	

HL7 v2.5 ORU^R01^ORU_R01 Message: Incorporation of Laboratory Results		
Test Case ID	LRI_2.2_2.1-NG	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
Inspection Settlement (Pass/Fail)	Pass	Fail
	<input type="checkbox"/>	<input type="checkbox"/>
Reason Failed		
Juror Comments		

This Test Case-specific Juror Document provides a checklist for the Tester to use during testing for assessing the Health IT Module's ability to display and incorporate required data elements from the information received in the LRI message. Additional data from the message or from the Health IT Module are permitted to be displayed and incorporated by the Module. Grayed-out fields in the Juror Document indicate where no data for that data element were included in the LRI message for the given Test Case.

The format of the Display Verification section of this Juror Document is for ease-of-use by the Tester and does not indicate how the Health IT Module display must be designed.

Display Verification

Legend for Display Requirement

- Data in **bold red** text: HIT Module must display exact version of stored data
- Data in ***bold black italics*** text: HIT Module must display exact version of data received in the LRI message
- Data in regular text: HIT Module may display equivalent version of stored data

Patient Information - Display Verification					
Patient Identifier	Patient Name	DOB	Sex	Race	Tester Comment
<i>PATID1249</i>	<i>Willow A Jones</i>	12/27/2010	F	White	
When a given patient has more than one Patient ID Number, the HIT module may display the ID Number that is most appropriate for the context (e.g., inpatient ID Number versus ambulatory ID Number.)					

Lab Results - Display Verification									
Test Performed:	Complete Blood Count								
Test Report Date:	09/26/2015 14:30:00								
Result Report Status	C								
Note:	The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail.								
Result Observation Name	Result Value	UOM	Reference Range	Abnormal Flag	Status	Date/Time of Observation	End Date/Time of Observation	Date/Time of Analysis	Tester Comment
Erythrocytes [#/volume] in Blood	4.41	million per microliter	4.10 to 4.90	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Hemoglobin [Mass/volume] in Blood	12.5	grams per milliliter	10.7 to 12.7	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Hematocrit [Volume Fraction] of Blood	41	percent	32.0 to 37.1	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Leukocytes [#/volume] in Blood	15000	cells per microliter	5300 to 11500	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Platelets [#/volume] in Blood	210000	cells per microliter	204000 to 402000	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Erythrocyte mean corpuscular volume [Entitic volume]	91	femtoliter	73.8 to 84.3	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Erythrocyte mean corpuscular hemoglobin [Entitic mass]	29	picograms per cell	23.3 to 28.6	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	32.4	grams per deciliter	31.9 to 35	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Erythrocyte distribution width [Ratio]	10.5	percent	10.2 to 14.5	N	F	09/25/2015 14:00:		09/25/2015 19:30:	
Basophils [#/volume] in Blood	0.1	thousand per microliter	0 to 0.3	N	F	09/25/2015 14:00:		09/25/2015 19:30:	
Basophils/100 leukocytes in Blood	0.1	percent	0 to 2	N	F	09/25/2015 14:00:		09/25/2015 19:30:	
Monocytes [#/volume] in Blood	3	thousand per microliter	0.0 to 13.0	N	F	09/25/2015 14:00:		09/25/2015 19:30:	
Monocytes/100 leukocytes in Blood	3	percent	0 to 8	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Eosinophils [#/volume] in Blood	0.1	thousand per microliter	0.0 to 0.45	HH	F	09/25/2015 14:00:		09/25/2015 19:30:	

Lab Results - Display Verification									
Test Performed:	Complete Blood Count								
Test Report Date:	09/26/2015 14:30:00								
Result Report Status	C								
Note:	The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail.								
Result Observation Name	Result Value	UOM	Reference Range	Abnormal Flag	Status	Date/Time of Observation	End Date/Time of Observation	Date/Time of Analysis	Tester Comment
Eosinophils/100 leukocytes in Blood	2	percent	0 to 6	N	F	09/25/2015 14:00:		09/25/2015 19:30:	
Lymphocytes [##/volume] in Blood	4.5	thousand per microliter	1.0 to 3.5	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Lymphocytes/100 leukocytes in Blood	39	percent	13.0 to 48.0	N	A	09/25/2015 14:00:		09/25/2015 19:30:	
Neutrophils [##/volume] in Blood	10	thousand per microliter	1.8 to 6.7	H	A	09/25/2015 14:00:		09/25/2015 19:30:	
Neutrophils/100 leukocytes in Blood	55	percent	34.7 to 77.1	N	A	09/25/2015 14:00:		09/25/2015 19:30:	

Performing Organization Information - Display Verification		
Data Element Name	Data	Tester Comment
Organization Name	Century Hospital	
Organization Address		
Street address	2070 Test Park	
Other designation		
City	Los Angeles	
State	CA	
Zip code	90067	

Performing Organization Medical Director Information - Display Verification		
Data Element Name	Data	Tester Comment
Medical Director Name		
Family Name		
Surname	Knowsalot	
Given Name	Phil	
Second and Further Given Names or Initials Thereof		
Suffix (e.g., JR or III)		
Prefix (e.g., DR)	Dr.	

Specimen Information - Display Verification		
Data Element Name	Data	Tester Comment
Specimen Type(Specimen Source)	Blood	
Specimen Collection Date/Time - Start	09/25/2015 14:00:	
Specimen Collection Date/Time - End		
Specimen Reject Reason		
Specimen Condition		

Order Information - Display Verification		
Data Element Name	Data	Tester Comment
Relevant Clinical Information		
Placer Order Number Entity ID	ORD666666	
Ordering Provider		
Family Name		
Surname	Radon	
Given Name	Nicholas	
Second and Further Given Names or Initials Thereof	M	
Suffix (e.g., JR or III)		
Prefix (e.g., DR)	DR	

Incorporate Verification

Legend for Store Requirement

S-EX : Store exact

S-TR-R : Translate and store translation (exact value can be re-created from translation any time)

S-EX-A : Store exact by association

S-RC : Process and re-create

S-EQ : Store equivalent

(See "Instructions to Testers for Verification of Store Requirements" at the end of this Juror Document for additional details.)

Patient Information Details- Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
PID-3	Patient Identifier List			
PID-3.1	ID Number	S-EX-A	PATID1249	
PID-3.4	Assigning Property			
PID-3.4.1	Namespace ID	S-EX-A	NIST MPI	
PID-3.4.2	Universal ID	S-EX-A		
PID-3.4.3	Universal ID Type	S-EX-A		
PID-3.5	Identifier Type Code	S-RC	MR	
PID-5	Patient Name			
PID-5.1	Family Name			
PID-5.1.1	Surname	S-EX-A	Jones	
PID-5.2	Given Name	S-EX-A	Willow	
PID-5.3	Second and Further Given Names or Initials Thereof	S-EX-A	A	
PID-5.4	Suffix (e.g., JR or III)	S-EX-A		
PID-5.7	Name Type Code	S-RC	L	
PID-7	Date/Time of Birth			
PID-7.1	Time	S-EQ	12/27/2010	
PID-8	Administrative Sex	S-TR-R	F	
PID-10	Race			
PID-10.1	Identifier	S-RC	2106-3	
PID-10.2	Text	S-RC	White	
PID-10.3	Name of Coding System	S-RC	HL70005	

Order Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
ORC-2/OBR-2	Placer Order Number			
ORC-2.1/OBR-2.1	Entity Identifier	S-EX-A	ORD666666	
ORC-2.2/OBR-2.2	Namespace ID	S-EX-A	NIST EHR	
ORC-2.3/OBR-2.3	Universal ID	S-EX-A		
ORC-2.4/OBR-2.4	Universal ID Type	S-EX-A		
ORC-3/OBR-3	Filler Order Number			
ORC-3.1/OBR-3.1	Entity Identifier	S-EX	R-991133	
ORC-3.2/OBR-3.2	Namespace ID	S-EX-A	NIST Lab Filler	
ORC-3.3/OBR-3.3	Universal ID	S-EX-A		
ORC-3.4/OBR-3.4	Universal ID Type	S-EX-A		
ORC-12/OBR-16	Ordering Provider			
ORC-12.1/OBR-16.1	ID Number	S-RC	5742200012	
ORC-12.2/OBR-16.2	Family Name			
ORC-12.2.1/OBR-16.2.1	Surname	S-RC	Radon	
ORC-12.3/OBR-16.3	Given Name	S-RC	Nicholas	
ORC-12.4/OBR-16.4	Second and Further Given Names or Initials Thereof	S-RC	M	
ORC-12.5/OBR-16.5	Suffix (e.g., JR or III)	S-RC		
ORC-12.6/OBR-16.6	Prefix (e.g., DR)	S-RC	DR	
ORC-12.9/OBR-16.9	Assigning Authority			
ORC-12.9.1/OBR-16.9.1	Namespace ID	S-EX-A	NPI	
ORC-12.9.2/OBR-16.9.2	Universal ID	S-EX-A		
ORC-12.9.3/OBR-16.9.3	Universal ID Type	S-EX-A		
ORC-12.10/OBR-16.10	Name Type Code	S-RC	L	
ORC-12.13/OBR-16.13	Identifier Type Code	S-RC	NPI	

Note- Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
NTE-3	Note	S-EX	The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing results. Please review all interpretations in detail.	

Performing Organization Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-23	Performing Organization Name			
OBX-23.1	Organization Name (Note 1)	S-TR-R	Century Hospital	
OBX-23.6	Assigning Authority (Note 2)			
OBX-23.6.1	Namespace ID	S-EX-A	CLIA	
OBX-23.6.2	Universal ID	S-EX-A		
OBX-23.6.3	Universal ID Type	S-EX-A		
OBX-23.7	Identifier Type Code	S-RC	XX	
OBX-23.10	Organization Identifier	S-TR-R	24D9871327	
OBX-24	Performing Organization Address			
OBX-24.1	Street Address			
OBX-24.1.1	Street or Mailing Address	S-EX-A	2070 Test Park	
OBX-24.2	Other Designation	S-EX-A		
OBX-24.3	City	S-EX-A	Los Angeles	
OBX-24.4	State or Province	S-EX-A	CA	
OBX-24.5	Zip or Postal Code	S-EX-A	90067	
OBX-24.6	Country	S-TR-R		
OBX-25	Performing Organization Medical Director			
OBX-25.1	ID Number	S-RC	5432178916	
OBX-25.2	Family Name			
OBX-25.2.1	Surname	S-TR-R	Knowsalot	
OBX-25.3	Given Name	S-TR-R	Phil	
OBX-25.4	Second and Further Given Names or Initials Thereof	S-TR-R		
OBX-25.5	Suffix (e.g., JR or III)	S-TR-R		
OBX-25.6	Prefix (e.g., DR)	S-TR-R		
OBX-25.9	Assigning Authority (Note 2)			
OBX-25.9.1	Namespace ID	S-EX-A	NPI	
OBX-25.9.2	Universal ID	S-EX-A		
OBX-25.9.3	Universal ID Type	S-EX-A		
OBX-25.10	Name Type Code	S-RC	L	
OBX-25.13	Identifier Type Code	S-RC	NPI	
Note 1 - The HIT Module must store the Organization Name or be able to recreate it. If the HIT Module is able to demonstrate Organization Name: ID is always 1:1, then the HIT Module is permitted to store and recreate (S-TR-R).				
Note 2 - Determine requirement for support of 2nd component or 3rd and 4th component based on the EI or HD Profile				

Order Information (cont'd) - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBR-4	Universal Service Identifier (Note 1)			
OBR-4.1	Identifier	S-TR-R	57021-8	
OBR-4.2	Text	S-EX-A	CBC W Auto Differential panel in Blood	
OBR-4.3	Name of the Coding System	S-RC	LN	
OBR-4.4	Alternate Identifier	S-TR-R	200	
OBR-4.5	Alternate Text	S-EX-A	CBC_diff	
OBR-4.6	Name of Alternate Coding System	S-RC	99USL	
OBR-4.9	Original Text	S-EX	Complete Blood Count	
OBR-7/SPM-17.1	Observation Date/Time			
OBR-7.1/SPM-17.1.1	Time	S-EQ	09/25/2015 14:00:	
OBR-8/SPM-17.2	Observation End Date/Time			
OBR-8.1/SPM-17.2.1	Time	S-EQ		
OBR-13	Relevant Clinical Information			
OBR-13.1	Identifier	S-TR-R		
OBR-13.2	Text	S-EX-A		
OBR-13.3	Name of the Coding System	S-RC		
OBR-13.9	Original Text	S-EX		
OBR-22	Results Rpt/Status Chng - Date/Time			
OBR-22.1	Time	S-EQ	09/26/2015 14:30:00	
OBR-25	Result Status	S-TR-R	C	
Note 1 -Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26453-1	
OBX-3.2	Text	S-EX-A	Erythrocytes [#/volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Erythrocytes [#/volume] in Blood	
OBX-5	Observation Value	S-EQ	4.41	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*6/uL	
OBX-6.2	Text	S-TR-R	million per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	4.10 to 4.90	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	718-7	
OBX-3.2	Text	S-EX-A	Hemoglobin [Mass/volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Hemoglobin [Mass/volume] in Blood	
OBX-5	Observation Value	S-EQ	12.5	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	g/mL	
OBX-6.2	Text	S-TR-R	grams per milliliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	10.7 to 12.7	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	20570-8	
OBX-3.2	Text	S-EX-A	Hematocrit [Volume Fraction] of Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Hematocrit [Volume Fraction] of Blood	
OBX-5	Observation Value	S-EQ	41	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	32.0 to 37.1	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26464-8	
OBX-3.2	Text	S-EX-A	Leukocytes [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Leukocytes [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	15000	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	{cells} /uL	
OBX-6.2	Text	S-TR-R	cells per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	5300 to 11500	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26515-7	
OBX-3.2	Text	S-EX-A	Platelets [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Platelets [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	210000	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	{cells} /uL	
OBX-6.2	Text	S-TR-R	cells per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	204000 to 402000	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	30428-7	
OBX-3.2	Text	S-EX-A	Erythrocyte mean corpuscular volume [Entitic volume]	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Erythrocyte mean corpuscular volume [Entitic volume]	
OBX-5	Observation Value	S-EQ	91	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	fL	
OBX-6.2	Text	S-TR-R	femtoliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	73.8 to 84.3	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	28539-5	
OBX-3.2	Text	S-EX-A	Erythrocyte mean corpuscular hemoglobin [Entitic mass]	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Erythrocyte mean corpuscular hemoglobin [Entitic mass]	
OBX-5	Observation Value	S-EQ	29	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	pg/{cell}	
OBX-6.2	Text	S-TR-R	picograms per cell	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	23.3 to 28.6	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	28540-3	
OBX-3.2	Text	S-EX-A	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]	
OBX-5	Observation Value	S-EQ	32.4	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	g/dL	
OBX-6.2	Text	S-TR-R	grams per deciliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	31.9 to 35	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	30385-9	
OBX-3.2	Text	S-EX-A	Erythrocyte distribution width [Ratio]	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Erythrocyte distribution width [Ratio]	
OBX-5	Observation Value	S-EQ	10.5	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	10.2 to 14.5	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26444-0	
OBX-3.2	Text	S-EX-A	Basophils [#/volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Basophils [#/volume] in Blood	
OBX-5	Observation Value	S-EQ	0.1	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*3/uL	
OBX-6.2	Text	S-TR-R	thousand per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0 to 0.3	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	30180-4	
OBX-3.2	Text	S-EX-A	Basophils/100 leukocytes in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Basophils/100 leukocytes in Blood	
OBX-5	Observation Value	S-EQ	0.1	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0 to 2	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26484-6	
OBX-3.2	Text	S-EX-A	Monocytes [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Monocytes [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	3	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*3/uL	
OBX-6.2	Text	S-TR-R	thousand per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0.0 to 13.0	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26485-3	
OBX-3.2	Text	S-EX-A	Monocytes/100 leukocytes in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Monocytes/100 leukocytes in Blood	
OBX-5	Observation Value	S-EQ	3	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0 to 8	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26449-9	
OBX-3.2	Text	S-EX-A	Eosinophils [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Eosinophils [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	0.1	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*3/uL	
OBX-6.2	Text	S-TR-R	thousand per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0.0 to 0.45	
OBX-8	Abnormal Flags	S-TR-R	HH	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26450-7	
OBX-3.2	Text	S-EX-A	Eosinophils/100 leukocytes in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Eosinophils/100 leukocytes in Blood	
OBX-5	Observation Value	S-EQ	2	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	0 to 6	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26474-7	
OBX-3.2	Text	S-EX-A	Lymphocytes [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Lymphocytes [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	4.5	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*3/uL	
OBX-6.2	Text	S-TR-R	thousand per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	1.0 to 3.5	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26478-8	
OBX-3.2	Text	S-EX-A	Lymphocytes/100 leukocytes in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Lymphocytes/100 leukocytes in Blood	
OBX-5	Observation Value	S-EQ	39	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	13.0 to 48.0	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26499-4	
OBX-3.2	Text	S-EX-A	Neutrophils [# /volume] in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Neutrophils [# /volume] in Blood	
OBX-5	Observation Value	S-EQ	10	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	10*3/uL	
OBX-6.2	Text	S-TR-R	thousand per microliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	1.8 to 6.7	
OBX-8	Abnormal Flags	S-TR-R	H	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Result Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
OBX-3	Observation Identifier (Note 1)			
OBX-3.1	Identifier	S-TR-R	26511-6	
OBX-3.2	Text	S-EX-A	Neutrophils/100 leukocytes in Blood	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R		
OBX-3.5	Alternate Text	S-EX-A		
OBX-3.6	Name of Alternate Coding System	S-RC		
OBX-3.9	Original Text	S-EX	Neutrophils/100 leukocytes in Blood	
OBX-5	Observation Value	S-EQ	55	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	%	
OBX-6.2	Text	S-TR-R	percent	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R		
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC		
OBX-6.9	Original Text	S-EX		
OBX-7	Reference Range	S-EX	34.7 to 77.1	
OBX-8	Abnormal Flags	S-TR-R	N	
OBX-11	Observation Result Status	S-TR-R	A	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ	09/25/2015 14:00:	
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ	09/25/2015 19:30:	
Note 1 - Store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				
Note 2 - If both UOM triplets are populated, receiver may choose to store the data received in either triplet; translations must result in equivalent UOM that do not require a change in the numeric result.				

Specimen Information - Incorporate Verification				
Location	Data Element Name	Store Requirement	Data	Tester Comment
SPM-4	Specimen Type (Note 1)			
SPM-4.1	Identifier	S-TR-R	119297000	
SPM-4.2	Text	S-EX-A	BLD	
SPM-4.3	Name of the Coding System	S-RC	SCT	
SPM-4.4	Alternate Identifier	S-TR-R		
SPM-4.5	Alternate Text	S-EX-A		
SPM-4.6	Name of Alternate Coding System	S-RC		
SPM-4.9	Original Text	S-EX	Blood	
Note 1 - The HIT must store the <u>Identifier</u> and the <u>Text</u> for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If <u>Original Text</u> field is populated, MUST store the exact data received.				

Instructions to Testers for Verification of Store Requirements

Note: The HIT Module being tested is always allowed to incorporate/store the exact data received in the LRI message even if a given Store Requirement does not explicitly state that the HIT Module is permitted to do so.

Store Requirement	Definition	Instructions for Verification of Requirement During Conformance Testing
S-EX	Store Exact	<p>The HIT Module being tested must be designed to incorporate/store only the exact data received in the LRI message.</p> <ul style="list-style-type: none"> Tester must verify that the HIT Module being tested incorporates/stores in the patient's laboratory result record only the exact data received in the LRI message, and that the HIT Module does not just store an equivalent of that exact data or just a pointer to the exact data.
S-EX-A	Store exact by association	<p>The HIT Module being tested must be designed (1) to incorporate/store the exact data received in the LRI message OR (2) to use a pointer to a location (e.g., file/table in or accessible to the HIT Module) where the exact data can be obtained.</p> <ul style="list-style-type: none"> Tester must verify that the HIT Module being tested incorporates/stores in the patient's laboratory result record the exact data received in the LRI message OR that the HIT Module incorporates/stores in the patient's laboratory result record a pointer to the exact data received in the LRI message. <p>Example: Placer Number; the HIT-originated Placer Number received in the LRI message may be incorporated/stored using a pointer rather than being stored redundantly in the patient's lab result record.</p>
S-EQ	Store equivalent	<p>The HIT Module being tested must be designed to transform the exact data received in the LRI message to an equivalent format and then incorporate/store the equivalent format.</p> <ul style="list-style-type: none"> Tester must verify that the HIT Module being tested transforms the exact data received in the LRI message to an equivalent format and incorporates/stores the equivalent format in the patient's laboratory result record.
S-TR-R	Translate and store translation (exact value can be re-created from translation any time)	<p>The HIT Module being tested must be designed to transform the exact data received in the LRI message to an equivalent value and then incorporate/store the equivalent value.</p> <ul style="list-style-type: none"> Tester must verify that the HIT Module being tested incorporates/stores in the patient's laboratory result record the equivalent value. Tester must also verify that the HIT Module is able to re-create from this equivalent value the exact data received in the LRI message.
S-RC	Process and re-create	<p>The HIT Module being tested must be designed to process and incorporate/store in an "abstract-able manner" (e.g., using the HIT Module's data model) the exact data received in the LRI message and to re-create the exact data (e.g., from the HIT Module's data model).</p> <ul style="list-style-type: none"> Tester must verify that the HIT Module being tested processes and abstractly incorporates/stores in the patient's laboratory result record the exact data received in the LRI message. Tester also must verify that the HIT Module is able to re-create the exact data received in the LRI message by abstracting the data (e.g., from the HIT Module's data model). <p>Example: Identifier Type Code; the HIT Module uses a separate file/table to store Social Security Numbers versus internal Medical Record Numbers, and does not need to retain the Identifier Type Code</p>

MSH|^~&|NIST Test Lab APP|NIST Lab Facility|NIST EHR Facility|20150926140551||ORU^R01^ORU_R01|LRI_2.2_2.1-NG|D|2.5.1|
||AL|AL||||LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_NG_Component^^2.16.840.1.113883.9.13^ISO~LRI_FRU_Compon
ent^^2.16.840.1.113883.9.83^ISO

PID|1||PATID1249^^^NIST MPI^MR||Jones^Willow^A^^^^L||20101227|F||2106-3^White^HL70005|||||PATID1240^^^NIST MPI^AN

ORC|RE|ORD666666^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST
EHR|||||5742200012^Radon^Nicholas^M^^DR^^^NPI^L^^
^NPI

OBR|1|ORD666666^NIST EHR|R-991133^NIST Lab Filler|57021-8^CBC W Auto Differential panel in Blood^LN^200^CBC_diff^99USL^
2.52^^Complete Blood Count||201509251400|||||5742200012^Radon^Nicholas^M^^DR^^^NPI^L^^NPI|||||20150926143000-0800
||C

NTE|1||The patient's DOB was corrected by request of the ordering provider. The normal ranges are based on age group and
so were adjusted accordingly for most of these observations, which led to a change in interpretations of existing resul
ts. Please review all interpretations in detail.

OBX|1|NM|26453-1^Erythrocytes [#/volume] in Blood^LN^^^^2.52^^Erythrocytes [#/volume] in Blood|^1^1|4.41|10*6/uL^millio
n per microliter^UCUM^^^^1.9|4.10 to 4.90|N||A||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D987
1327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|2|NM|718-7^Hemoglobin [Mass/volume] in Blood^LN^^^^2.52^^Hemoglobin [Mass/volume] in Blood|^1^1|12.5|g/mL^grams per
milliliter^UCUM^^^^1.9|10.7 to 12.7|N||A||201509251400|||||201509251930|||Century Hospital^^^^CLIA&2.16.840.1.11388
3.4.7&ISO^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|3|NM|20570-8^Hematocrit [Volume Fraction] of Blood^LN^^^^2.52^^Hematocrit [Volume Fraction] of Blood|^1^1|41|%^perc
ent^UCUM^^^^1.9|32.0 to 37.1|H||A||201509251400|||||201509251930|||Century Hospital^^^^CLIA&2.16.840.1.113883.4.7&IS
O^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|4|NM|26464-8^Leukocytes [#/volume] in Blood^LN^^^^2.52^^Leukocytes [#/volume] in Blood|^1^1|15000|{cells}/uL^cells
per microliter^UCUM^^^^1.9|5300 to 11500|H||A||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871
327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|5|NM|26515-7^Platelets [#/volume] in Blood^LN^^^^2.52^^Platelets [#/volume] in Blood|^1^1|210000|{cells}/uL^cells p
er microliter^UCUM^^^^1.9|204000 to 402000|N||A||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D98
71327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|6|NM|30428-7^Erythrocyte mean corpuscular volume [Entitic volume]^LN^^^^2.52^^Erythrocyte mean corpuscular volume [
Entitic volume]|^1^1|91|fL^femtoliter^UCUM^^^^1.9|73.8 to 84.3|H||A||201509251400|||||201509251930|||Century Hospital
^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los
Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI^L^^NPI||||RSLT

OBX|7|NM|28539-5^Erythrocyte mean corpuscular hemoglobin [Entitic mass]^LN^^^^2.52^^Erythrocyte mean corpuscular hemogl
obin [Entitic mass]|^1^1|29|pg|{cell}^picograms per cell^UCUM^^^^1.9|23.3 to 28.6|H||A||201509251400|||||201509251930|
|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^N
PI^L^^NPI||||RSLT

OBX|8|NM|28540-3^Erythrocyte mean corpuscular hemoglobin concentration [Mass/volume]^LN^^^^2.52^^Erythrocyte mean corpu
scular hemoglobin concentration [Mass/volume]|^1^1|32.4|g/dL^grams per deciliter^UCUM^^^^1.9|31.9 to 35|N||A||20150925
1400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Kn
owsalot^Phil^^^Dr.^^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI||||RSLT

OBX|9|NM|30385-9^Erythrocyte distribution width [Ratio]^LN^^^^2.52^^Erythrocyte distribution width [Ratio]|^1^1|10.5|%^
percent^UCUM^^^^1.9|10.2 to 14.5|N||F||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070
Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI||||RSLT

OBX|10|NM|26444-0^Basophils [#/volume] in Blood^LN^^^^2.52^^Basophils [#/volume] in Blood|^1^1|0.1|10*3/uL^thousand per
microliter^UCUM^^^^1.9|0 to 0.3|N||F||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070
Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI||||RSLT

OBX|11|NM|30180-4^Basophils/100 leukocytes in Blood^LN^^^^2.52^^Basophils/100 leukocytes in Blood|^1^1|0.1|%^percent^UC
UM^^^^1.9|0 to 2|N||F||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los
Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI||||RSLT

OBX|12|NM|26484-6^Monocytes [#/volume] in Blood^LN^^^^2.52^^Monocytes [#/volume] in Blood|^1^1|3|10*3/uL^thousand per m
icroliter^UCUM^^^^1.9|0.0 to 13.0|N||F||201509251400|||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|207
0 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsalot^Phil^^^Dr.^^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI||||RSLT

OBX|13|NM|26485-3^Monocytes/100 leukocytes in Blood^LN^^^^2.52^^Monocytes/100 leukocytes in Blood|^1^1|3|%^percent^UCUM

^^^1.9|0 to 8|N||A||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|14|NM|26449-9^Eosinophils [#volume] in Blood^LN^^^^2.52^^Eosinophils [#volume] in Blood|^1^1|0.1|10*3/uL^thousand per microliter^UCUM^^^^1.9|0.0 to 0.45|HH||F||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|15|NM|26450-7^Eosinophils/100 leukocytes in Blood^LN^^^^2.52^^Eosinophils/100 leukocytes in Blood|^1^1|2|^percent^UCUM^^^^1.9|0 to 6|N||F||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|16|NM|26474-7^Lymphocytes [#volume] in Blood^LN^^^^2.52^^Lymphocytes [#volume] in Blood|^1^1|4.5|10*3/uL^thousand per microliter^UCUM^^^^1.9|1.0 to 3.5|H||A||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|17|NM|26478-8^Lymphocytes/100 leukocytes in Blood^LN^^^^2.52^^Lymphocytes/100 leukocytes in Blood|^1^1|39|^percent^UCUM^^^^1.9|13.0 to 48.0|N||A||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|18|NM|26499-4^Neutrophils [#volume] in Blood^LN^^^^2.52^^Neutrophils [#volume] in Blood|^1^1|10|10*3/uL^thousand per microliter^UCUM^^^^1.9|1.8 to 6.7|H||A||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

OBX|19|NM|26511-6^Neutrophils/100 leukocytes in Blood^LN^^^^2.52^^Neutrophils/100 leukocytes in Blood|^1^1|55|^percent^UCUM^^^^1.9|34.7 to 77.1|N||A||201509251400||||201509251930|||Century Hospital^^^^CLIA^XX^^24D9871327|2070 Test Park^^Los Angeles^CA^90067^^B|5432178916^Knowsallot^Phil^^Dr.^^NPI&2.16.840.1.113883.4.6&ISO^L^^NPI|||RSLT

SPM|1|S-2015-66&&2.16.840.1.113883.3.72.5.24&ISO^S-9911-33&&2.16.840.1.113883.3.72.5.25&ISO||119297000^BLD^SCT^^^^201509USED^^Blood|||||||201509251400