HL7 v2.5 ORU^R01^ORU_R01 Message: Incorporation of Laboratory Results	
Test Case ID	LRI_5.1_1.1-GU_FRN
Juror ID	
Juror Name	
HIT System Tested	
Inspection Date/Time	
Inspection Settlement (Pass/Fail)	**Pass** ☐ **Fail** ☐
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**
PATID1239	*Peggy Smirnoff*	04/01/1975	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:	*Hepatitis A B C Panel*									
Test Report Date:	09/26/2015 14:05:00									
Result Report Status	F									

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**
Hepatitis A IgM antibodies (IgM anti-HAV)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis A antibodies (anti-HAV)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis B core antibodies (anti-HBVc)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis B core antibodies (anti-HBVc) Quant	*0.40*	*international unit per milliliter*	**<0.50 IU/mL**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis B e antibodies (anti-HBVe)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis B surface antigen (HBsAg)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis B surface antibody (anti-HBVs)	**Negative (qualifier value)**		**Negative**	N	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis C antibody screen (anti-HCV)	**Positive (qualifier value)**		**Negative**	A	F	09/25/2015 : :		09/26/2015 14:00:	
Hepatitis C antibodies Signal to Cut-off Ratio	*10.8*	*Signal to cutoff ratio*	**0.0-0.9 s/co**	H	F	09/25/2015 : :		09/26/2015 14:00:	
Note	Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9								
Note	In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing.								

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	J.	
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)	*Serum*	
Specimen Collection Date/Time - Start	09/25/2015 : :	
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	ORD448811	
Ordering Provider		
Family Name		
Surname	Radon	
Given Name	Nicholas	
Second and Further Given Names or Initials Thereof		
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	PATID1239	
PID-3.4	**Assigning Property**			
PID-3.4.1	Namespace ID	S-EX-A		
PID-3.4.2	Universal ID	S-EX-A	2.16.840.1.113883.3.72.5.30.2	
PID-3.4.3	Universal ID Type	S-EX-A	ISO	
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	Smirnoff	
PID-5.2	Given Name	S-EX-A	Peggy	
PID-5.3	Second and Further Given Names or Initials Thereof	S-EX-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	04/01/1975	
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	

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	ORD448811	
ORC-2.2/OBR-2.2	Namespace ID	S-EX-A		
ORC-2.3/OBR-2.3	Universal ID	S-EX-A	2.16.840.1.113883.3.72.5.24	
ORC-2.4/OBR-2.4	Universal ID Type	S-EX-A	ISO	
ORC-3/OBR-3	**Filler Order Number**			
ORC-3.1/OBR-3.1	Entity Identifier	S-EX	R-511	
ORC-3.2/OBR-3.2	Namespace ID	S-EX-A		
ORC-3.3/OBR-3.3	Universal ID	S-EX-A	2.16.840.1.113883.3.72.5.25	
ORC-3.4/OBR-3.4	Universal ID Type	S-EX-A	ISO	
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		
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		
ORC-12.9.2/OBR-16.9.2	Universal ID	S-EX-A	2.16.840.1.113883.4.6	
ORC-12.9.3/OBR-16.9.3	Universal ID Type	S-EX-A	ISO	
ORC-12.10/OBR-16.10	Name Type Code	S-RC	L	
ORC-12.13/OBR-16.13	Identifier Type Code	S-RC	NPI	

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	2.16.840.1.113883.4.7	
OBX-23.6.3	Universal ID Type	S-EX-A	ISO	
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	USA	
OBX-25	**Performing Organization Medical Director**			
OBX-25.1	ID Number	S-RC		
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	J.	
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		
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		
OBX-25.13	Identifier Type Code	S-RC		

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	HepABC Panel	
OBR-4.2	Text	S-EX-A	Hepatitis A B C Panel	
OBR-4.3	Name of the Coding System	S-RC	L	
OBR-4.4	Alternate Identifier	S-TR-R		
OBR-4.5	Alternate Text	S-EX-A		
OBR-4.6	Name of Alternate Coding System	S-RC		
OBR-4.9	Original Text	S-EX		
OBR-7/SPM-17.1	**Observation Date/Time**			
OBR-7.1/SPM-17.1.1	Time	S-EQ	09/25/2015 : :	
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 14:05:00	
OBR-25	Result Status	S-TR-R	F	

Note 1 -Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	22314-9	
OBX-3.2	Text	S-EX-A	Hepatitis A virus IgM Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HAVM	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis A IgM antibodies (IgM anti-HAV)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	20575-7	
OBX-3.2	Text	S-EX-A	Hepatitis A virus Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HAVAB	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis A antibodies (anti-HAV)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	16933-4	
OBX-3.2	Text	S-EX-A	Hepatitis B virus core Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HBVcAB	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis B core antibodies (anti-HBVc)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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.

Location	Data Element Name	Store Requirement	Data	Tester Comment
Result Information - Incorporate Verification				
OBX-3	**Observation Identifier (Note 1)**			
OBX-3.1	Identifier	S-TR-R	22316-4	
OBX-3.2	Text	S-EX-A	Hepatitis B virus core Ab [Units/volume] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HBcAbQ	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis B core antibodies (anti-HBVc) Quant	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Comparator	S-EX		
OBX-5.2	Num1	S-EQ	0.40	
OBX-5.3	Separator/Suffix	S-EX		
OBX-5.4	Num2	S-EQ		
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R	[IU]/mL	
OBX-6.2	Text	S-TR-R	international unit per milliliter	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R	IU/ml	
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC	L	
OBX-6.9	Original Text	S-EX		
OBX-7	**Reference Range**	S-EX	<0.50 IU/mL	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	22320-6	
OBX-3.2	Text	S-EX-A	Hepatitis B virus e Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HBVeAB	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis B e antibodies (anti-HBVe)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

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	5195-3	
OBX-3.2	Text	S-EX-A	Hepatitis B virus surface Ag [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HBVsAG	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis B surface antigen (HBsAg)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

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	22322-2	
OBX-3.2	Text	S-EX-A	Hepatitis B virus surface Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HBVSAB	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis B surface antibody (anti-HBVs)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	260385009	
OBX-5.2	Text	S-EX-A	Negative (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	NEG	
OBX-5.5	Alternate Text	S-EX-A	NEGATIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Negative (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	16128-1	
OBX-3.2	Text	S-EX-A	Hepatitis C virus Ab [Presence] in Serum	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HCVAB	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis C antibody screen (anti-HCV)	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Identifier	S-TR-R	10828004	
OBX-5.2	Text	S-EX-A	Positive (qualifier value)	
OBX-5.3	Name of the Coding System	S-RC	SCT	
OBX-5.4	Alternate Identifier	S-TR-R	POS	
OBX-5.5	Alternate Text	S-EX-A	POSITIVE	
OBX-5.6	Name of Alternate Coding System	S-RC	L	
OBX-5.9	Original Text	S-EX	Positive (qualifier value)	
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R		
OBX-6.2	Text	S-TR-R		
OBX-6.3	Name of the Coding System	S-RC		
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	Negative	
OBX-8	**Abnormal Flags**	S-TR-R	A	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	
Note 1 - Store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	48159-8	
OBX-3.2	Text	S-EX-A	Hepatitis C virus Ab Signal/Cutoff in Serum or Plasma by Immunoassay	
OBX-3.3	Name of the Coding System	S-RC	LN	
OBX-3.4	Alternate Identifier	S-TR-R	HCVSCO	
OBX-3.5	Alternate Text	S-EX-A	Hepatitis C antibodies Signal to Cut-off Ratio	
OBX-3.6	Name of Alternate Coding System	S-RC	L	
OBX-3.9	Original Text	S-EX		
OBX-5	**Observation Value**			
OBX-5.1	Comparator	S-EX		
OBX-5.2	Num1	S-EQ	10.8	
OBX-5.3	Separator/Suffix	S-EX		
OBX-5.4	Num2	S-EQ		
OBX-6	**Units (Note 2)**			
OBX-6.1	Identifier	S-TR-R	{s_co_ratio}	
OBX-6.2	Text	S-TR-R	Signal to cutoff ratio	
OBX-6.3	Name of the Coding System	S-RC	UCUM	
OBX-6.4	Alternate Identifier	S-TR-R	s/co	
OBX-6.5	Alternate Text	S-TR-R		
OBX-6.6	Name of Alternate Coding System	S-RC	L	
OBX-6.9	Original Text	S-EX		
OBX-7	**Reference Range**	S-EX	0.0-0.9 s/co	
OBX-8	**Abnormal Flags**	S-TR-R	H	
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 : :	
OBX-19	**Date/Time of the Analysis**			
OBX-19.1	Time	S-EQ	09/26/2015 14:00:	

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.

Note - Incorporate Verification				
Location	**Data Element Name**	**Store Requirement**	**Data**	**Tester Comment**
NTE-3	Note	S-EX	Negative: < 0.8; Indeterminate 0.8 - 0.9; Positive: > 0.9	
NTE-3	Note	S-EX	In order to reduce the incidence of a false positive result, the CDC recommends that all s/co ratios between 1.0 and 10.9 be confirmed with additional Verification or PCR testing.	

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	119364003	
SPM-4.2	Text	S-EX-A	Serum specimen (specimen)	
SPM-4.3	Name of the Coding System	S-RC	SCT	
SPM-4.4	Alternate Identifier	S-TR-R	SER	
SPM-4.5	Alternate Text	S-EX-A	Serum	
SPM-4.6	Name of Alternate Coding System	S-RC	L	
SPM-4.9	Original Text	S-EX		

Note 1 - The HIT must store the Identifier and the Text for each populated triplet using the S-EX-A, S-TR-R, or S-EX store requirement as indicated. If Original Text 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	The HIT Module being tested must be designed to incorporate/store only the exact data received in the LRI message. • 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	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. • 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. 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.
S-EQ	Store equivalent	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. • 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)	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. • 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	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). • 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). 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