

Description

Mr. Hector Ramos is a 81 year old Hispanic male who is on warfarin therapy. Mr. Ramos presents to Good Health Clinic to see Dr. Radon for a routine check up. The doctor orders a Prothrombin Time (PT + INR) test from the clinical lab at Century Hospital using the clinic's EHR system and instruct Mr. Ramos to go to the laboratory's patient service center to have the blood sample collected. The laboratory performs the requested test and the final result was 10.5 sec with a ref range of 9.5-13.8 sec and the INR calculated to be 1.0 {INR} with a normal reference range being 0.8 and 1.2 {INR}. The final result report for this lab test was generated by the LIS and transmitted to the patient's record in the Good health Clinic's EHR system.

Comments

This is the "smoke test" - testing basic functionality and support for all Required elements per the LRI IG to reveal simple failures severe enough to preclude further testing..

PreCondition

Patient information is pre-loaded in the EHR-S.
No other Pre-Condition.

PostCondition

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

TestObjectives

- Minimally populated message.
- Demonstrate ability to import and incorporate all required data elements for the test case:
- Minimally populated MSH Segment - Demonstrate the capability to support the minimally required data elements in the MSH segment.
- Minimally populated PID Segment - Demonstrate the capability to support the minimally required data elements in the PID segment.
- Minimally populated ORC Segment - Demonstrate the capability to support the minimally required data elements in the ORC segment.
- Minimally populated OBR Segment - Demonstrate the capability to support the minimally required data elements in the OBR segment.
- Minimally populated OBX Segment - Demonstrate the capability to support the minimally required data elements in the OBX segment.

Notes to Testers

No Notes.

Test Case Information

LRI_0.0_1.1-GU - Smoke testing using Prothrombin Time and INR results minimal message

Test Case ID

LRI_0.0_1.1-GU

MSH

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	~\&	IG Fixed Data
MSH.4	Sending Facility		
MSH.4.2	Universal ID	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed 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_0.0_1.1-GU	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_GU_FRU_Profile	IG Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.195.3.1	IG Fixed Data
MSH.21.4	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	PATID1700	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.2	Universal ID	2.16.840.1.113883.3.72.5.30.2	Configurable Data
PID.3.4.3	Universal ID Type	ISO	IG Fixed Data
PID.3.5	Identifier Type Code	MR	Configurable Data
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Ramoz	Changeable Data
PID.5.7	Name Type Code	L	Changeable Data
PID.7	Date/Time of Birth		
PID.7.1	Time	19331212	Changeable Data
PID.8	Administrative Sex	M	Changeable Data
PID.18	Patient Account Number		
PID.18.1	ID Number	PATID1700	Configurable Data
PID.18.4	Assigning Authority		
PID.18.4.2	Universal ID	2.16.840.1.113883.3.72.5.30.2	Configurable Data
PID.18.4.3	Universal ID Type	ISO	IG Fixed 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

Location	Filler Order Number	Data Element	Data	Categorization
ORC.3.1		Entity Identifier	R-100	Changeable Data
ORC.3.3		Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
ORC.3.4		Universal ID Type	ISO	IG Fixed Data
ORC.12	Ordering Provider			
ORC.12.2		Family Name		
ORC.12.2.1		Surname	Radon	Changeable Data

OBR

Location		Data Element	Data	Categorization
OBR.1		Set ID - OBR	1	IG Fixed Data
OBR.3		Filler Order Number		
OBR.3.1		Entity Identifier	R-100	Changeable Data
OBR.3.3		Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
OBR.3.4		Universal ID Type	ISO	IG Fixed Data
OBR.4		Universal Service Identifier		
OBR.4.1		Identifier	10	Test Case Fixed Data
OBR.4.2		Text	PT + INR	Test Case Fixed Data
OBR.4.3		Name of Coding System	99USL	Test Case Fixed Data
OBR.7		Observation Date/Time		
OBR.7.1		Time	20150925	Changeable Data
OBR.16		Ordering Provider		
OBR.16.2		Family Name		
OBR.16.2.1		Surname	Radon	Changeable Data
OBR.22		Results Rpt/Status Chng - Date/Time		
OBR.22.1		Time	20150926140551	Changeable Data
OBR.25		Result Status	F	Test Case Fixed 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	11	Test Case Fixed Data
OBX.3.2		Text	PT	Test Case Fixed Data
OBX.3.3		Name of the Coding System	99USL	Test Case Fixed Data
OBX.5		Observation Value	10.5	Test Case Fixed Data
OBX.6		Units		
OBX.6.1		Identifier	s	Changeable Data
OBX.6.3		Name of the Coding System	UCUM	Changeable Data
OBX.11		Observation Result Status	F	Test Case Fixed Data
OBX.23		Performing Organization Name		
OBX.23.1		Organization Name	Century Hospital	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.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	12	Test Case Fixed Data
OBX.3.2		Text	INR	
OBX.3.3		Name of the Coding System	99USL	Test Case Fixed Data
OBX.5		Observation Value	1.0	Test Case Fixed Data

OBX Location	Units	Data Element	Data	Categorization
OBX.6.1	Identifier	{INR}		Changeable Data
OBX.6.3	Name of the Coding System	UCUM		Changeable Data
OBX.11	Observation Result Status	F		Test Case Fixed Data
OBX.23	Performing Organization Name			
OBX.23.1	Organization Name	Century Hospital		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.29	Observation Type	RSLT		Test Case Fixed Data

Patient Information

Element	Data
Name	Ramoz
Date/Time of Birth	12/12/1933
Administrative Sex	Male

Order Observation**Ordering Provider**

Element	Data
Name	Radon
Identifier number	

Observation Details

Element	Data
Observation General Information	
Placer Order Number	
Filler Order Number	R-100
Placer Group Number	
Parent Universal Service Identifier	
Identifier	
Text	
Alt Identifier	
Alt Text	
Original Text	
Observation Details	
Universal Service Identifier	PT + INR
Observation Date/Time	09/25/2015
Observation end Date/Time	
Specimen Action Code	
Relevant Clinical Information	
Relevant Clinical Information Original Text	
Observation Result Information	
Result Status	F
Results Report/Status Change - Date/Time	09/26/2015 2:05 PM
Results Handling	
Standard	
Observation Notes	

Timing/Quantity Information

Element	Data
Priority	
Start Date/time	
End Date/time	

Results Performing Laboratory

Element	Data
Laboratory Name	Century Hospital
Organization identifier	
Address	2070 Test Park
Director Name	
Director identifier	

Lab results

Element		Data						
Test performed		PT + INR						
Test Report date		09/26/2015 14:05						
Result Observation Name	Result	UOM	Range	Abnormal Flag	Status	Date/Time of Observation	Date/Time of Analysis	Notes
PT	10.5	s			F			
INR	1.0	{INR}			F			

HL7 v2.5 ORU^R01^ORU_R01 Message: Incorporation of Laboratory Results		
Test Case ID	LRI_0.0_1.1-GU	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
Inspection Settlement (Pass/Fail)	<div>Pass</div> <input type="checkbox"/>	<div>Fail</div> <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>PATID1700</i>	<i>Ramoz</i>	12/12/1933	M		
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:	PT + INR								
Test Report Date:	09/26/2015 14:05:51								
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
PT	10.5				F	09/25/2015 ::			
INR	1.0				F	09/25/2015 ::			

Performing Organization Information - Display Verification		
Data Element Name	Data	Tester Comment
Organization Name	Century Hospital	
Organization Address		
Street address	<i>2070 Test Park</i>	
Other designation		
City		
State		
Zip code		

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

Order Information - Display Verification		
Data Element Name	Data	Tester Comment
Relevant Clinical Information		
Placer Order Number Entity ID		
Ordering Provider		
Family Name		
Surname	Radon	
Given Name		
Second and Further Given Names or Initials Thereof		
Suffix (e.g., JR or III)		
Prefix (e.g., 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	PATID1700	
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	Ramoz	
PID-5.2	Given Name	S-EX-A		
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	12/12/1933	
PID-8	Administrative Sex	S-TR-R	M	

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		
ORC-2.2/OBR-2.2	Namespace ID	S-EX-A		
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-100	
ORC-3.2/OBR-3.2	Namespace ID	S-EX-A		
ORC-3.3/OBR-3.3	Universal ID	S-EX-A	2.16.840.1.113883.3.72.5.20	
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		
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		
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		
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		
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		
ORC-12.13/OBR-16.13	Identifier Type Code	S-RC		

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		
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		
OBX-23.10	Organization Identifier	S-TR-R		
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		
OBX-24.4	State or Province	S-EX-A		
OBX-24.5	Zip or Postal Code	S-EX-A		
OBX-24.6	Country	S-TR-R		
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		
OBX-25.3	Given Name	S-TR-R		
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		
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	10	
OBR-4.2	Text	S-EX-A	PT + INR	
OBR-4.3	Name of the Coding System	S-RC	99USL	
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		
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 14:05:51	
OBR-25	Result Status	S-TR-R	F	
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	11	
OBX-3.2	Text	S-EX-A	PT	
OBX-3.3	Name of the Coding System	S-RC	99USL	
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		
OBX-5	Observation Value	S-EQ	10.5	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	s	
OBX-6.2	Text	S-TR-R		
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		
OBX-8	Abnormal Flags	S-TR-R		
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ		
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ		
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	12	
OBX-3.2	Text	S-EX-A	INR	
OBX-3.3	Name of the Coding System	S-RC	99USL	
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		
OBX-5	Observation Value	S-EQ	1.0	
OBX-6	Units (Note 2)			
OBX-6.1	Identifier	S-TR-R	{INR}	
OBX-6.2	Text	S-TR-R		
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		
OBX-8	Abnormal Flags	S-TR-R		
OBX-11	Observation Result Status	S-TR-R	F	
OBX-14	Date/Time of the Observation			
OBX-14.1	Time	S-EQ		
OBX-19	Date/Time of the Analysis			
OBX-19.1	Time	S-EQ		
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.				

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|^~\&|^2.16.840.1.113883.3.72.5.21^ISO||20150926140551||ORU^R01^ORU_R01|LRI_0.0_1.1-GU|D|2.5.1||AL|AL||||LRI_GU_FRU_Profile^^2.16.840.1.113883.9.195.3.1^ISO

PID|1||PATID1700^^&2.16.840.1.113883.3.72.5.30.2&ISO^MR||RamoZ^^^^^L||19331212|M||||||PATID1700^^&2.16.840.1.113883.3.72.5.30.2&ISO^AN

ORC|RE||R-100^^2.16.840.1.113883.3.72.5.20^ISO||||||^Radon

OBR|1||R-100^^2.16.840.1.113883.3.72.5.20^ISO|10^PT + INR^99USL||20150925||||||^Radon||||20150926140551||F

OBX|1|NM|11^PT^99USL||10.5|s^^UCUM||||F||||||Century Hospital|2070 Test Park||||RSLT

OBX|2|NM|12^INR^99USL||1.0|{INR}^^UCUM||||F||||||Century Hospital|2070 Test Park||||RSLT