**Juror Document Template for LRI-EHR Edition 2015 - Draft**

**This LRI-EHR Juror Document Template does not cover Parent-Child lab tests.**

**3/31/16:**

* **Inserted “**Provide an **Order Information - Incorporate Verification** table for the elements listed below from the **ORC/OBR** segments in the message, followed byNote(s) and by a **Note - Incorporate Verification** table for each NTE segment (if there are any) for the **ORC/OBR** segments**.”** before the **Order Information - Incorporate Verification** table
* **Added** an NTE table at the end of the **Order Information - Incorporate Verification** table
* **Deleted** ORC-31/OBR-50 Parent Universal Service Identifier and the sub-elements fromthe **Order Information - Incorporate Verification** table
* **Deleted** OBR-26 (Parent Result) and its sub-elements from **Order Information (cont’d) - Incorporate Verification** table
* **Deleted** OBR-29 and its sub-elementsfrom **Order Information (cont’d) - Incorporate Verification** table
* **Deleted** OBR-50 and its sub-elements from **Order Information (cont’d) - Incorporate Verification** table
* **Deleted** Note 2 that was associated with the fields abovein the **Order Information (cont’d) - Incorporate Verification** table
* **Inserted “**Provide a **Result Information - Incorporate Verification** table for each **OBX** segment in the message, followed byNote(s) and by a **Note - Incorporate Verification** table for each NTE segment (if there are any) for the **OBX** segment**.”** before the **Order Information - Incorporate Verification** table
* **Added** an NTE table at the end of the **Result Information - Incorporate Verification** table
* **Deleted** the standalone **Note – Incorporate Verification** table

**4/1/16:**

**To sync with V23 of the Functional Requirements Spreadsheet:**

* **Modified Instructions to Testers for Verification of Store Requirements**
  + ForS-EX-A, **changed**

**“**The HIT Module being tested must be designed to incorporate/store the exact data received in the LRI message OR 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.

**To**

“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.

* + ForS-EQ, **changed**

“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 transforms the exact data received in the LRI message to an equivalent value and incorporates/stores **the equivalent value in the patient’s laboratory result record.**”

**To**

“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.**”

* + **Deleted** S-MA row
* **Changed** theStore Requirement for PID-10 Race from “S-MA” to “S-RC” in the **Patient Information Details – Incorporate Verification** table
* **Deleted** from **Order Information (cont’d) - Incorporate Verification** table
  + OBR-11 Specimen Action Code [Store Requirement was “S-MA”]
  + OBR-49 Results Handling and all sub-elements [Store Requirement was “S-MA”]

Metadata for Juror Document This title may change once Rob decides what he wants it to be.

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| --- | --- | --- | --- | --- |
| **HL7 v2.5 ORU^R01^ORU\_R01 Message: Incorporation of Laboratory Results** | | | | |
| Test Case ID | **LRI\_#.#-XX** | | | |
| Juror ID |  | | | |
| Juror Name |  | | | |
| HIT System Tested |  | | | |
| Inspection Date/Time |  | | | |
| Inspection Settlement (Pass/Fail) | Pass |  | Fail |  |
| Reason Failed |  | | | |
| Juror Comments |  | | | |

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| --- |
| 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**

**Display Verification color coding legend (for Juror Document analyst):**

* Blue Text = Template instructions; do not include in Juror Document
* Blue Text in white cell = Data Location in message

**Legend for Display Requirement**

|  |  |
| --- | --- |
| Data in **bold red** text: HIT Module must display exact version of stored data | Display Requirement = U-EX, U-REF |
| Data in ***bold black italics*** text: HIT Module must display exact version of data received in the LRI message | Display Requirement = U-EX-R |
| Data in regular black text: HIT Module may display equivalent version of stored data | Display Requirement = U-EQ, U-TR |

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| --- | --- | --- | --- | --- | --- |
| **Patient Information – Display Verification** | | | | | |
| **Patient Identifier** | **Patient Name** | **DOB** | **Sex** | **Tester Comment** |
| ***PID-3.1*** | ***PID-5.2 PID-5.3 PID-5.1.1 PID-5.4*** | PID-7.1 | PID-8 |  |
| 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). | | | | |

Include the above verbiage after the Patient Information - Display Verification table

Display the text in OBX-3.9 if this field is populated, else display the Text in OBX-3.5; else if OBX.3.5 is not populated display the Text in OBX-3.2

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| --- | --- | --- |
| Display the text in OBX-6.9 if this field is populated, else display the Text in OBX-6.5; else if OBX-6.5 is not populated display the Text in OBX-6.2 | Display the Text in OBR-4.9 if this field is populated, else display the Text in OBR-4.5; else if OBR-4.5 is not populated display the Text in OBR-4.2. | Only include this Data Element in the Juror Document when it is populated in the message |

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| **Lab Results – Display Verification** | | | | | | | | | | |
| **Test Performed** | | **OBR-4.9** or ***OBR-4.5* or *OBR-4.2*** | | | | | | | | |
| **Test Report Date** | | OBR-22.1 | | | | | | | | |
| **Result Report Status** | | OBR-25 | | | | | | | | |
| **Note** | | NTE-3 (insert when present and is listed after an OBR segment) | | | | | | | | |
| **Result Report Status** | | | | | | | | | | |
|  | | | | | | | | | | |
| **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** |
| **OBX-3.9**  or ***OBX-3.5*** or ***OBX-3.2*** | (See Table) | | **OBX-6.9** or ***OBX-6.5*** *or* ***OBX-6.2*** | **OBX-7** | OBX-8 | OBX-11 | OBR-7.1 | OBR-8.1 | OBX-19.1 |  |
| Note | NTE-3 (insert after row of OBX-segment data when NTE is present and is listed after a specific OBX segment) | | | | | | | | |  |

Insert one row of data for each OBX segment after the initial OBR segment

**Display Requirement Table for “Result Value”**

| **If OBX-2 =** | **For Data in this Location** | **Display Requirement =** | **Comment** |
| --- | --- | --- | --- |
| NM | OBX-5-NM.1 | ***U-EX-R*** |  |
| SN | OBX-5-SN.1 | **U-EX** | Used in OBX-5 for susceptibility results (parent-child) |
|  | OBX-5-SN.2 | ***U-EX-R*** |  |
|  | OBX-5-SN.3 | **U-EX** |  |
|  | OBX-5-SN.4 | ***U-EX-R*** |  |
| FT | OBX-5-FT.1 | **U-EX** |  |
| ST | OBX-5-ST.1 | **U-EX** |  |
| TX | OBX-5-TX.1 | **U-EX** |  |
| DT | OBX-5-DT.1 | U-EQ |  |
| TS | OBX-5-TS.1 | U-EQ |  |
| TM | OBX-5-TM.1 | U-EQ |  |
| CWE | If OBX-5-CWE.9 is populated 🡪 | **U-EX** (display exact version of stored data) |  |
| If OBX-5-CWE.9 is NOT populated , and OBX-5-CWE.5 is populated 🡪 | ***U-EX-R*** (display exact version of received data) |  |
| If OBX-5-CWE.9 is NOT populated , and OBX-5-CWE.5 is NOT populated, and OBX-5-CWE.2 is populated 🡪 | ***U-EX-R*** (display exact version of received data) |  |

When OBX-2 is “NM”, include the following verbiage after the Lab Results - Display Verification table:

For all numeric Result values that are less than 1, the displayed data must include a pre-decimal “0” and the decimal point (e.g., “.5” must be displayed as “0.5”. The displayed data cannot change the level of precision of a numeric Result value (e.g., “6” cannot be displayed as “6.0”).

Obtain the Performing Organization Name and Address information from the first OBX in the LRI message.

|  |  |  |
| --- | --- | --- |
| **Performing Organization Information – Display Verification** | | |
| **Data Element Name** | **Data** | **Tester Comment** |
| **Organization Name** | **OBX-23.1** |  |
| **Organization Address** |  |  |
| Street Address | ***OBX-24.1.1*** |  |
| Other Designation | ***OBX-24.2*** |  |
| City | ***OBX-24.3*** |  |
| State | ***OBX-24.4*** |  |
| Zip Code | ***OBX-24.5*** |  |

Obtain the Performing Organization Medical Director information from the first OBX in the LRI message.

|  |  |  |  |
| --- | --- | --- | --- |
| **Performing Organization Medical Director Information – Display Verification** | | | |
| **Data Element Name** | **Data** | **Tester Comment** | |
| **Medical Director Name** |  |  | |
| **Family Name** |  |  |
| Surname | OBX-25.2.1 |  |
| Given Name | OBX-25.3 |  |
| Second and Further Given Names or Initials Thereof | OBX-25.4 |  |
| Suffix (e.g., JR or III) | OBX-25.5 |  |
| Prefix (e.g., DR) | OBX-25.6 |  |

Display the Text in SPM-4.9 if this field is populated, else display the Text in SPM-4.5; else if SPM-4.5 is not populated display the Text in SPM-4.2

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| --- | --- | --- |
| **Specimen Information – Display Verification** | | |
| **Data Element Name** | **Data** | **Tester Comment** |
| **Specimen Type** (Specimen Source) | **SPM-4.9 (**or ***SPM-4.5*** or ***SPM.4.2*)** |  |
| **Specimen Collection**  **Date/Time - Start** | SPM-17.1.1 |  |
| **Specimen Collection**  **Date/Time - End** | SPM-17.2.1 |  |
| **Specimen Reject Reason** | **SPM-21.9 (**or ***SPM-21.5*** or ***SPM.21.2*)** |  |
| **Specimen Condition** | **SPM-24.9 (**or ***SPM-24.5*** or ***SPM.24.2*)** |  |

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| Display the Text in SPM-21.9 if this field is populated, else display the Text in SPM-21.5, else if SPM-21.5 is not populated display the Text in SPM-21.2 | Display the Text in SPM-24.9 if this field is populated, else display the Text SPM-24.5, else if SPM-24.5 is not populated display the Text in SPM-24.2 |

Display the Text in OBR-13.9 if this field is populated, else display the Text in OBR-13.2.

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| **Order Information – Display Verification** | | | |
| **Data Element Name** | **Data** | **Tester Comment** | |
| **Relevant Clinical Information** | **OBR-13.9 (**or ***OBR-13.2*)** |  | |
| **Placer Order Number Entity ID** | **ORC-2.1** |  | |
| **Ordering Provider** |  |  | |
| **Family Name** |  |  |
| Surname | **ORC-12.2.1** |  |
| Given Name | **ORC-12.3** |  |
| Second and Further Given Names or Initials Thereof | **ORC-12.4** |  |
| Suffix (e.g., JR or III) | **ORC-12.5** |  |
| Prefix (e.g., DR) | **ORC-12.6** |  |
| **Result Copies To** |  |  |
| **Family Name** |  |  |
| Surname | OBR-28.2.1 |  |
| Given Name | OBR-28.3 |  |
| Second and Further Given Names or Initials Thereof | OBR-28.4 |  |
| Suffix (e.g., JR or III) | OBR-28.5 |  |
| Prefix (e.g., DR) | OBR-28.6 |  |
| **Timing/Quantity Information** |  |  |
| Start date/time | TQ1-7.1 |  |
| End date/time | TQ1-8.1 |  |

|  |  |
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| If OBR-28.2.1 – OBR-28.6 are not populated, do not display the *Result Copies To* data elements on the Juror Document  If OBR-28.2.1 – OBR-28.6 are populated, display the text with equivalent text indicator for these data elements on the Juror Document | If TQ1-7.1 and TQ1-8.1 are not populated, do not display the *Timing/Quality Information* data elements on the Juror Document  If TQ1-7.1 and TQ1-8.1 are populated, display the text with equivalent text indicator for these data elements on the Juror Document |

**INCORPORATE VERIFICATION**

**Incorporate Verification color coding legend (for Juror Document programmer):**

* Blue Text = Template instructions, do not include in Juror Document

**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 |  | S-MA | Made available for specific processing |

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

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| **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 |  |  |
| **PID-3.4** | **Assigning Authority** |  |  |  |
| PID-3.4.1 | Namespace ID | S-EX-A |  |  |
| 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 |  |  |
| **PID-5** | **Patient Name** |  |  |  |
| **PID-5.1** | **Family Name** |  |  |  |
| PID-5.1.1 | Surname | S-EX-A |  |  |
| 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 |  |  |
| **PID-7** | **Date/Time of Birth** |  |  |  |
| PID-7.1 | Time | S-EQ |  |  |
| PID-8 | Administrative Sex | S-TR-R |  |  |
| **PID-10** | **Race** |  |  |  |
| PID-10.1 | Identifier | S-RC |  |  |
| PID-10.2 | Text | S-RC |  |  |
| PID-10.3 | Name of Coding System | S-RC |  |  |

Provide an **Order Information - Incorporate Verification** table for the elements listed below from the **ORC/OBR** segments in the message, followed byNote(s) and by a **Note - Incorporate Verification** table for each NTE segment (if there are any) for the **ORC/OBR** segments**.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  |  |
| OBR-2.2/OBR-2.2 | Namespace ID | S-EX-A |  |  |
| OBR-2.3/OBR-2.3 | Universal ID | S-EX-A |  |  |
| OBR-2.4/OBR-2.3 | Universal ID Type | S-EX-A |  |  |
| **ORC-3/OBR-3** | **Filler Order Number** |  |  |  |
| ORC-3.1/OBR-3.1 | Entity Identifier | S-EX |  |  |
| ORC-3.2/ OBR-3.2 | Namespace ID | S-EX-A |  |  |
| 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 |  |  |
| **ORC-12.2/OBR-16.2** | **Family Name** |  |  |  |
| ORC-12.2.1/OBR-16.2.1 | Surname | S-RC |  |  |
| 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-12.9.3OBR-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 |  |  |

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| --- | --- | --- | --- | --- |
| **Note - Incorporate Verification** | | | | |
| **Location** | **Data Element Name** | **Store Requirement** | **Data** | **Tester Comment** |
| NTE.3 | Note | S-EX |  |  |

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| **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 |  |  | |
| OBR-4.2 | | Text | S-EX-A |  |  | |
| OBR-4.3 | | Name of Coding System | S-RC |  |  | |
| 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 |  |  | |
| OBR-25 | | Result Status | S-TR-R |  |  | |
| **OBR-28** | | **Result Copies To (Note 2)** |  |  |  | |
| OBR-28.1 | | ID Number | S-RC |  |  | |
| **OBR-28.2** | | **Family Name** |  |  |  | |
| OBR-28.2.1 | | Surname | S-EX-A |  |  | |
| OBR-28.3 | | Given Name | S-EX-A |  |  | |
| OBR-28.4 | | Second and Further Given Names or Initials Thereof | S-EX-A |  |  | |
| OBR-28.5 | | Suffix (e.g., JR or III) | S-EX-A |  |  | |
| OBR-28.6 | | Prefix (e.g., DR) | S-EX-A |  |  | |
| **OBR-28.9** | | **Assigning Authority** |  |  |  | |
| OBR-28.9.1 | | Namespace ID | S-EX-A |  |  | |
| OBR-28.9.2 | | Universal ID | S-EX-A |  |  | |
| OBR-28.9.3 | | Universal ID Type | S-EX-A |  |  | |
| OBR-28.10 | | Name Type Code | S-TR-R |  |  | |
| OBR-28.13 | | Identifier Type Code | S-RC |  |  | |
| **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** | When OBR-49 data = 'CC', then OBR-28 fields = S-RC; when OBR-49 data = 'BCC' then OBR-28 fields should not be populated, but if populated = S-EX | | | | |

Provide Performing Organization Information - Incorporate Verification table in the LRI-EHR Juror Document only once per message. Obtain the information from the first OBX in the LRI message.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 |  |  |
| **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 |  |  |
| 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 OrganizationName: 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 | | | | |

Provide a **Result Information - Incorporate Verification** table for each **OBX** segment in the message, followed byNote(s) and by a **Note - Incorporate Verification** table for each NTE segment (if there are any) for the **OBX** segment**.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |  |  |
| OBX-3.2 | Text | S-EX-A |  |  |
| OBX-3.3 | Name of the Coding System | S-RC |  |  |
| 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** | **(see table)** |  |  |
| **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 |  |  |
| **OBX-8** | **Abnormal Flags** | S-TR-R |  |  |
| **OBX-11** | **Observation Result Status** | S-TR-R |  |  |
| **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 |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **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. | | | |
| **Note - Incorporate Verification** | | | | | |
| **Location** | **Data Element Name** | | **Store Requirement** | **Data** | **Tester Comment** |
| NTE.3 | Note | | S-EX |  |  |

**Store Requirement Table for “Observation Value”**

| **If OBX-2 =** | **For Data in this Location** | **Store Requirement =** | **Comment** |
| --- | --- | --- | --- |
| NM | OBX-5-NM.1 | S-EQ |  |
| SN | OBX-5-SN.1 | S-EX | Used in OBX-5 for susceptibility results (parent-child) |
|  | OBX-5-SN.2 | S-EQ |  |
|  | OBX-5-SN.3 | S-EX |  |
|  | OBX-5-SN.4 | S-EQ |  |
| FT | OBX-5-FT.1 | S-EX |  |
| ST | OBX-5-ST.1 | S-EX |  |
| TX | OBX-5-TX.1 | S-EX |  |
| DT | OBX-5-DT.1 | S-EQ |  |
| TS | OBX-5-TS.1 | S-EQ |  |
| TM | OBX-5-TM.1 | S-EQ |  |
| CWE | OBX-5-CWE.1 | S-TR-R | **Note 1** |
| CWE | OBX-5-CWE.2 | S-EX-A |
| CWE | OBX-5-CWE.3 | S-RC |
| CWE | OBX-5-CWE.4 | S-TR-R |
| CWE | OBX-5-CWE.5 | S-EX-A |
| CWE | OBX-5-CWE.6 | S-RC |
| CWE | OBX-5-CWE.9 | U-EX |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 |  |  |
| SPM-4.2 | | Text | S-EX-A |  |  |
| SPM-4.3 | | Name of the Coding System | S-RC |  |  |
| 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 |  |  |
| **SPM-21** | | **Specimen Reject Reason (Note 1)** |  |  |  |
| SPM-21.1 | | Identifier | S-TR-R |  |  |
| SPM-21.2 | | Text | S-EX-A |  |  |
| SPM-21.3 | | Name of the Coding System | S-RC |  |  |
| SPM-21.4 | | Alternate Identifier | S-TR-R |  |  |
| SPM-21.5 | | Alternate Text | S-EX-A |  |  |
| SPM-21.6 | | Name of Alternate Coding System | S-RC |  |  |
| SPM-21.9 | | Original Text | S-EX |  |  |
| **SPM-24** | | **Specimen Condition (Note 1)** |  |  |  |
| SPM-24.1 | | Identifier | S-TR-R |  |  |
| SPM-24.2 | | Text | S-EX-A |  |  |
| SPM-24.3 | | Name of the Coding System | S-RC |  |  |
| SPM-24.4 | | Alternate Identifier | S-TR-R |  |  |
| SPM-24.5 | | Alternate Text | S-EX-A |  |  |
| SPM-24.6 | | Name of Alternate Coding System | S-RC |  |  |
| SPM-24.9 | | 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. | | | | |

Provide a Timing/Quantity Information - Incorporate Verification table in the LRI-EHR Juror Document only if a TQ1 segment is in the message.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Timing/Quantity Information - Incorporate Verification** | | | | |
| **Location** | **Data Element Name** | **Store Requirement** | **Data** | **Tester Comment** |
| **TQ1-7** | **Start date/time** |  |  |  |
| TQ1-7.1 | Time | S-EQ |  |  |
| **TQ1-8** | **End date/time** |  |  |  |
| TQ1-8.1 | Time | S-EQ |  |  |

**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 alsoverify 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 |