20170831\_LabUSRealm\_Notes

Attendees: John R, Riki, Kathy, Erin, Carmen, Craig, Andrea, Walter

LRI#997: LRI\_PH\_110 CS: Change to state: **LRI-PH-110:**HD\_03.3 (Universal ID Type) **SHALL**contain the value "ISO" OR "CLIA".

Make a note that we use this dataype wherever we want to allow CLIA and ISO and use HD\_01 when we want only ISO.

And change this CS to be LAB CS – so they can be used in both LRI and LOI – applies to LRI-PH-110, LRI-PH-111 and LRI-PH-112

Downside to make CLIA allowed ID type in assigning authority? Are CLIA numbers ever re-used? No, so there should be no issue. –

Motion to approve as described - Craig Newman, John Roberts, no further discussion, against: 0, abstain: 0, in favor: 6

LRI#996: Discovered item: Update ERR-3 value set to require use of 207 and remove 999 to be consistent across v2.x IGs - during the last harmonization round that was discussed and the change in definition approved, while 999 was not added - Motion to accept the proposed 3 new value sets - for eDOS, LOI and LRI per file "HL70357\_USL\_Proposed.xlsx" - see document tab - Craig Newman, John Roberts , no further discussion, against: 0, abstain: 2, in favor: 4



LRI#202: ADD a section explaining how to report paired sera testing:

1. Serum collected and tested

2. Second serum sample collected nn weeks later and submitted

3. Lab tests both the first and second sample at the same time under one ordered test (as a reflex test to the first may be) - Since SPM apply to the order group, but not the individual OBX, how should it be made clear which result is reported for which specimen - suggest to provide best practice guidance here! –

Proposed solution:

**Use the same option in ELR and LRI, so have to use parent child linking:**

Example for ELR do the same way in LRI:

First message:

ORC|RE|T1234^PlacerLab|T5678^FillerLab|…

OBR|1|T1234^PlacerLab |T5678^FillerLab|24213-1^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --1st specimen^LN|||20160531|…OBR-22 = 201606041501|…

OBX|1|SN|24213-1^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --1st specimen^LN||^1^:^4|…OBX-19 = 20160604

NTE|1|RE|this is the result of the first test blah….|

SPM|1|S1234&Placerlab^S5678&Fillerlab||Ser^serum^HL70487|||||||||||||20160531|20160531

Second message:

ORC|RE|T1235^PlacerLab|T5680^FillerLab|…

OBR|1|T1235^PlacerLab|T5680^FillerLab|24214-9^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --2nd specimen ^LN|||20160619|…OBR-22 = 201606200801|…

OBX|1|SN|24214-9^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --2nd specimen ^LN||^1^:^64|…OBX-19 = 20160620

NTE|1|RE|this is the result of the second sample…|

SPM|1|S1299&Placerlab^S5999&Fillerlab||429891000124101^convalescent phase serum^SCT|||||||||||||20160619|20160619

ORC|RE| |T5679^FillerLab|…ORC-8 = T1235&PlacerLab^T5680^FillerLab|…**ORC-8 =** T1235^PlacerLab|T5680^FillerLab

OBR|2| |T5679^FillerLab|24213-1^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --1st specimen m^LN|||20160531|…OBR-11 = G|…OBR-22 = 201606200801**…or** **OBR-29 =** T1235^PlacerLab|T5680^FillerLab

OBX|1|SN|24213-1^Eastern equine encephalitis virus Ab [Titer] in Serum by Immunofluorescence --1st specimen ^LN||^1^:^4|…OBX-19 = 20160620

NTE|1|RE|this is the result of the first sample tested in parallel with the second sample…|

SPM|1|S1234&Placerlab^S5678&Fillerlab||Ser^serum^HL70487|||||||||||||20160531|20160531

**For orders – in LOI:**

**Create paired sera order set, where the first order uses the First sample LOINC = current order, the second uses the second sample LOINC set up as a future order AND a system populated AOE to send the specimenID (at least the placer specimenID, but potentially could be the filler specimenID from the result) of the prior sample along.**

**Best practice** also would be to use the more specific specimen type of acute phase serum for the test of the first specimen and for convalescent phase serum for the test of the second specimen.

For eDOS:

Need to be sure to collect enough specimen to support testing the first sample twice (so specify the minimum amount accordingly and indicate that container sharing is allowed or not, to ensure there is enough sample left) and communicate that via the setup of the test compendium.

Discussion:

Agree this is the solution for ELR, but for LRI should be able to do it the other way using a single OBR, as LRI can support multiple SPMs

Issue with that is that the current structure does NOT provide linkage between the OBX and the SPM it belongs to – we have 2 choices to remedy that:

1. Add OBX with related SPM-ID with or without using OBX-4 to link them together
2. Make CR for v2.9+ to add a field to OBX that indicates the related SPM-ID (as EIP)