**Texas ELR Issue Resolution Checklist –**

Common critical areas to address during message pre-testing

**Message Header: MSH**

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| Issue # | Item | What does good look like? |
| 1 | MSH4 – Sending Facility -- Verify a CLIA number is used as the ID | Reporting Institution Name^99XXXXXXX^CLIA |

**Patient Information: PID**

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| Issue # | Item | What does good look like? |
| 2 | PID10 – Patient Race -- Verify standard race codes are used | 2131-1^Other^HL70005 |
| 3 | PID22 – Patient Ethnicity -- Verify standard ethnicity codes are used | N^Non Hispanic^HL70189 |

**Observation Request: OBR**

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| Issue # | Item | What does good look like? |
| 4 | OBR4– Verify a LOINC code is used as the UniversalServiceID | 24325-3^Hepatic Function Panel^LN |
| 5 | OBR4 – Verify LOINC is in OBR4.1-4.3 | **24325-3^Hepatic Function Panel^LN**^321^HEP^L |
| 6 | OBR4 – Verify local codes, if provided, are in OBR4.4-4.6 | 24325-3^Hepatic Function Panel^LN^**321^HEP^L** |

**Observation Result: OBX**

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| Issue # | Item | What does good look like? |
| 7 | OBX – Verify every OBX segment is only used to provide standardized test results | The following OBX segment should actually be created as an NTE segment:  OBX|2|TX|49580-4^^LN^HIVR^HIV-RAPID TEST^99USI|11|Called to and read back by: | |
| 8 | OBX2 – Verify only SN, CE, or CWE | OBX|1|**CE**| |
| 9 | OBX3 – Verify a LOINC code is used as the ObservationIdentifer | 625-4^Stool Culture^LN |
| 10 | OBX3 – Verify LOINC is in OBX3.1-3.3 | **625-4^Stool Culture^LN**^225^Stool Culture^L |
| 11 | OBX3 – Verify local codes, if provided, are in OBX3.4-3.6 | 625-4^Stool Culture^LN^**225^Stool Culture^L** |
| 12 | OBX5 – Verify a SnoMed code is used as the ObservationValue for discreet results (CE/CWE) | 372342007^Salmonella species (organism)^SCT |
| 13 | OBX5 – Verify SnoMed is in OBX5.1-5.3 for discreet results (CE/CWE) | **11214006^REACTIVE^SCT**^REACTIVE^REACTIVE^L |
| 14 | OBX5 – Verify local codes, if provided, are in OBX5.4-5.6 for discreet results (CE/CWE) | 11214006^REACTIVE^SCT^**REACTIVE^REACTIVE^L** |
| 15 | OBX5 – Verify titers are created as structured numerics | |^1^:^16| |
| 16 | OBX5 – Verify all numeric values are created as structured numeric, with comparator (if present) is in OBX5.1 | |>^500| |

**Specimen: SPM**

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| Issue # | Item | What does good look like? |
| 17 | SPM4 – Verify a standardized code is used in SpecimenType | 119297000^Blood^SCT |