Electronic Laboratory Reporting On-Boarding Process

Phase I – Pre-Testing

Confirm Initial Messages
- Sending Facility
- Receiving Facility
- Message Type
- HL7 Version
- OBR Segment
- OBX Segments
- Reporting Disease

Establish Connectivity
PHIN-MS (APHL, CDC)
Web Services (SOAP, HTTP Post)

On-Boarding Information is Sent to Facility
- ELR Implementation Guide
- RCMT Ver. 7
- Link to NIST Tool
- Link to MQF
- Link to LOINC.org
- Link to SNOMED.org
- Link to KDHE Reportable Diseases

Message Format
- Text Document
- NIST Report
- MQF Report
- Email message

REQUIREMENTS TO PASS from PHASE I
- Message must be able to be consumed by Rhapsody, confirming connectivity
- Message must be able to be consumed by EpiTrax, Staging Area

Phase II - Testing

Structure Testing
- Testing of In-House Reports received into Staging Area
- Testing of Reference Lab Reports received into Staging Area
- Creation of cases for all Reportable Diseases from the Staging Area
- Creation of new LOINC codes in EpiTrax
- Review and confirmation of messages from program staff
- Format changes to message in Rhapsody

Content Testing
- Establish facility production feed to KDHE test environment
- QA Coordinator, STI/HIV Prevention Program Manager, ELR Coordinator create CMRs from Staging Area messages
- Message content is verified for disease selection accuracy, correct test selection for disease, result type accuracy, reference range inclusion, result value accuracy
- Changes continue to be made by facility and KDHE

LOINC Lists
- Facility sends all LOINC codes used for tests

Phase III – Validation

REQUIREMENTS TO PASS from PHASE II
All messages must create a CMR in EpiTrax without error and with correct content

PRODUCTION
- Production to Production feed is established
- Bureau staff (QA Coordinators) confirm all paper reports are received electronically

Paper Off
Facility continues to send paper reports until Validation is complete

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