Example Messages Overview
Volume 9 – Laboratory

Overview

This document is in addition to the Example Messages Overview Document and includes specific information for Volume 9 - Laboratory example message instances.

Scope

The example messages developed to date cover the following transactions:

- L3.1, L3.4 - Basic Orders and Order Revision – with varying entry points (POLB_IN111100CA, POLB_IN111102CA)

- L1.1 - Basic Result (POLB_IN124200CA – payload POLB_MT0040000CA)

- L1.1 - Complex Microbiology Result (POLB_IN124200CA – payload POLB_MT0041000CA)

- L1.1 Anatomic Pathology Result. (POLB_IN124200CA – payload POLB_MT0042000CA)

- L2.3 - Find Order Query and Query response (POLB_IN351000CA, POLB_IN361000CA)

- L3.1, L1.1 - Message confirm/reject responses (POLB_IN121000CA, POLB_IN121001CA, POLB_IN134000CA)

- L4.1 – Promise (intent to perform) (POLB_IN122103CA)

For each of the included interactions, all mandatory and populated attributes and associations are included. In addition to the inclusion of some of the required attributes, the examples also illustrate the use of all external vocabulary code sets.

Scenarios

The example messages developed for this value were created in sets; also known as scenarios. Scenarios usually cover an entire transaction, or multiple transactions and allow the creation of sets of messages that rely on each other's data (e.g. in a request/response scenario, the message id of the request message is echoed in the response message).

Known Issues

Validation Errors

- No known issues.

Content Issues

- Dates within each scenario are not always aligned with each other (request message creationTime before the response message creationTime)
- Example Identifiers and OIDs have been used in the example messages. These are not always consistent (with each other) and are not the official OIDs as registered in the OID registry.

Example Data

Scenario Lab 001 – Request Hemogram

This scenario illustrates a request from a point of service (e.g. clinic) to a jurisdictional lab information system (JLIS) to record a request for diagnostic lab testing for a patient (transaction L3.1) and the accept response from the JLIS (or HIAL).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN111100CA	Order Fulfillment Request	POLB_TE001100CA	Lab 001.01 - POLB_EX090101CA - Activate Order.xml
POLB_IN121000CA	Order Confirm Response	POLB_TE001001CA	Lab 001.02 - POLB_EX090102CA - Order Confirm.xml

Scenario Lab 002 – Result Hematology

This scenario illustrates a report-based result from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L1.1). This scenario uses the 'generic' lab result payload model (POLB_MT004000CA).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN124200CA	Result Complete Request	POLB_TE004200CA	Lab 002.01 - POLB_EX090201CA - Result Complete.xml

Scenario Lab 003 – Microbiology Sensitivity Result

This scenario illustrates a Microbiology Sensitivity report-based result from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L1.1). This scenario uses the microbiology sensitivity lab result payload model (POLB_MT004100CA).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN124200CA	Result Complete Request	POLB_TE004200CA	Lab 003.01 - POLB_EX090301CA - Result Complete.xml

Scenario Lab 004 – Pathology Report

This scenario illustrates a Pathology report-based result from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L1.1). This scenario uses the pathology report-based lab result payload model (POLB_MT004200CA).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN124200CA	Result Complete Request	POLB_TE004200CA	Lab 004.01 - POLB_EX090401CA - Result Complete.xml

Scenario Lab 005 – Request Glucose

This scenario illustrates two requests from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L3.1). One request uses PlacerGroup (requisition), other is a simple request using ObservationRequest. Also included is a Glucose and Creatinine result (fairly complex, shows levels of hierarchy).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN111100CA	Order Fulfillment Request	POLB_TE001100CA	Lab 005.01 - POLB_EX090501CA - Activate Order.xml
POLB_IN111100CA	Order Fulfillment Request	POLB_TE001100CA	Lab 005.02 - POLB_EX090502CA - Activate Order.xml
POLB_IN124200CA	Result Complete Request	POLB_TE004200CA	Lab 005.03 - POLB_EX090503CA - Result Complete.xml

Scenario Lab 006 – Request Occult Blood Panel

This scenario illustrates a request from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L3.1) and the associated confirm response message. It includes specimen information for an occult panel order.

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN111100CA	Order Fulfillment Request	POLB_TE001100CA	Lab 006.01 - POLB_EX090601CA - Activate Order.xml
POLB_IN121000CA	Order Confirm Response	POLB_TE001001CA	Lab 006.02 - POLB_EX090602CA - Order Confirm.xml

Scenario Lab 007

This scenario illustrates a request from a point of service (clinic) to a jurisdictional lab information system (JLIS) to query for diagnostic lab requests for a patient (transaction L2.1) and the associated confirm query response message.

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN351000CA	Find Orders	POLB_TE301000CA	Lab 007.01 - POLB_EX090701CA - Find Order.xml
POLB_IN361000CA	Find Orders Response	POLB_TE301001CA	Lab 007.01 - POLB_EX090702CA - Find Order Response.xml

Scenario Lab 008 – Request Hemogram (order) Query

This scenario illustrates a request from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L3.1) and the associated reject response message. It includes specimen information for an occult panel order.

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN111100CA	Order Fulfillment Request	POLB_TE001100CA	Lab 008.01 - POLB_EX090801CA - Activate Order.xml
POLB_IN121001CA	Order Reject Response	POLB_TE001003CA	Lab 008.02 - POLB_EX090802CA - Order Reject.xml

Scenario Lab 009 – Revise Glucose Request (collection specimen)

This scenario illustrates an order revision performed by a specimen collection service to add the specimen information to the original request and send to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L3.4) and the associated confirm response message.

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN111102CA	Order Revision Request	POLB_TE001102CA	Lab 009.01 - POLB_EX090901CA – Order Revision.xml
POLB_IN121000CA	Order Confirm Response	POLB_TE001001CA	Lab 009.02 - POLB_EX090902CA - Order Confirm.xml

Scenario Lab 010 – Promise (intent to perform) Glucose

This scenario illustrates an intent to perform testing (promise) from a fulfilling lab to a jurisdictional lab information system (JLIS) to record that promise for diagnostic lab testing for a patient (transaction L4.1).

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN122103CA	Promise Activate	POLB_TE002100CA	Lab 010.01 - POLB_EX091001CA - Promise Activate.xml

Scenario Lab 011 – Result Glucose Request-response

This scenario illustrates a report-based result from a fulfilling lab to a jurisdictional lab information system (JLIS) to record a result for diagnostic lab testing for a patient (transaction L1.1) and an associated confirm response message.

Example Files

Interaction ID	Interaction Name	Trigger Event	Example Message Filename
POLB_IN124200CA	Result Complete Request	POLB_TE004200CA	Lab 011.01 - POLB_EX091101CA – Result Complete.xml
POLB_IN134000CA	Result Confirm Response	POLB_TE004001CA	Lab 011.02 - POLB_EX091102CA – Result Confirm.xml