



## **P16-0371 Panorama Project**

### **Panorama Investigation Management User Manual**

### **PNS IOM 101 Lab and Diagnostic Imaging**

Version 1.0

Dated: 2018-10-19





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# 1 LAB SEARCH

The Lab search allows users to search for lab tests on both human and non-human subjects using either basic or advanced search.



**Tip:** This screen is used **without** a client or investigation in context

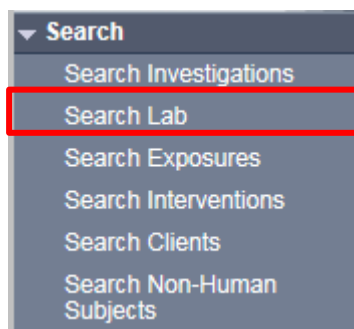
**Note:**

- The last set of search criteria entered during the current session can be retrieved by clicking **Retrieve** button.
- Clear search criteria by clicking **Clear** button.

## 1.1 Lab Search

---

1. Select **Investigation -> Search-> Search Lab** from the Left-Hand Navigation menu.



The **Lab Search** screen is displayed.

2. At the top of the **Lab Search** screen, select the Human or Non-Human radio button.
3. The basic search criteria for a selected type of subject will be displayed.
4. View other types of searches using the **Advanced Search** hyperlink or the **Client Search** section of the screen.
5. Enter the desired search criteria.
6. Click **Search** button.

## Lab Search



☒ Human ☐ Non-Human

Basic Client Search

Show Basic Client Search

Basic Test Search

Hide Basic Test Search

Encounter Group:

Accession Number:

Requisition ID:

Requisition Date:  /  /  - to -  /  /

Report Date:  /  /  - to -  /  /

☐ Unsolicited results not linked to an investigation

Service Delivery Location: *To specify a Service Delivery Location, first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Service Delivery Location: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 3 Location] [Find](#)

Test Category:  Test Name:

Test Code:

Result Name:  Interpreted Result:

Result ID:

Filing Reference Type:  Filing Reference:

Search

Retrieve

Clear

Advanced Search

Test Results Preview

Show Test Results Preview

Search Results

Hide Search Results

0 Total Requisitions , 0 Total Tests, 0 results found.

The matching tests will be displayed in the Search Results section.

7. Select the desired **Test Result** from the screen.
8. Click **Preview** button.

Search Results									
4 Total Requisitions , 4 Total Tests, 4 results found.									
Row Actions: <a href="#">Preview</a> <a href="#">View Client</a>					<a href="#">New Search</a>				
<a href="#">View/Update Requisition</a> <a href="#">View/Update Report</a>									
	Client Name	Requisition ID	Requisition Date	Test - Result Name	Interpreted Result: Result	Test Status	Result Date	Result Status	Report Date
<input type="radio"/>	EKM_LabTEST, ForJacob	49	2018 Jul 31	Immunoassay - Syphilis EIA Screen	-	Partial	2018 Jul 31	Preliminary	2018 Jul 31
<input type="radio"/>	EKM_LabTEST, ForJacob	58	2018 Aug 9	Immunoassay - Antigen / Antibody Combo	Negative;	Complete	2018 Aug 12	Final	2018 Aug 12
<input type="radio"/>	EKM_LabTEST, ForJacob	50	2018 Aug 3	Immunoassay - HB Surface Antibody (Anti-...	Positive; 89089 mU/d	Partial	2018 Aug 6	Preliminary	2018 Aug 6
<input type="radio"/>	ekmtest, test	45	2018 Jul 30	Immunoassay - Syphilis EIA Screen	Positive;	Complete	2018 Jul 31	Final	2018 Jul 31
Total: 4 <a href="#">Page 1 of 1</a> <a href="#">Jump to page:</a>									

Test Results Preview		<a href="#">Hide Test Results Preview</a>	
Client ID:	218		
Client Name:	EKM_LabTEST, ForJacob		
Date of Birth:	1989 Jun 5		
Receiving Lab:	IWK Health Centre-General	Result Name:	Antigen / Antibody Combo
Resulting Lab:	IWK Health Centre-General	Result Value:	-
Collection Date/Time:	2018 Aug 9 00:00 ADT	Interpreted Result:	Negative
Test Name:	Immunoassay	Description:	-
Specimen Type:	Body Fluid	Disease:	-
Specimen Site:	Eye	Etiologic Agent:	-

Search Results									
4 Total Requisitions , 4 Total Tests, 4 results found.									
Row Actions: <a href="#">Preview</a> <a href="#">View Client</a>					<a href="#">New Search</a>				
<a href="#">View/Update Requisition</a> <a href="#">View/Update Report</a>									
	Client Name	Requisition ID	Requisition Date	Test - Result Name	Interpreted Result: Result	Test Status	Result Date	Result Status	Report Date
<input checked="" type="radio"/>	EKM_LabTEST, ForJacob	58	2018 Aug 9	Immunoassay - Antigen / Antibody Combo	Negative;	Complete	2018 Aug 12	Final	2018 Aug 12
<input type="radio"/>	EKM_LabTEST, ForJacob	49	2018 Jul 31	Immunoassay - Syphilis EIA Screen	-	Partial	2018 Jul 31	Preliminary	2018 Jul 31
<input type="radio"/>	EKM_LabTEST, ForJacob	50	2018 Aug 3	Immunoassay - HB Surface Antibody (Anti-...	Positive; 89089 mU/d	Partial	2018 Aug 6	Preliminary	2018 Aug 6
<input type="radio"/>	ekmtest, test	45	2018 Jul 30	Immunoassay - Syphilis EIA Screen	Positive;	Complete	2018 Jul 31	Final	2018 Jul 31
Total: 4 <a href="#">Page 1 of 1</a> <a href="#">Jump to page:</a>									

A summary of the test and result, if any, will be displayed in the **Test Results Preview** section, immediately above the **Search Results** section

## 2 LAB QUICK ENTRY

The Lab Quick Entry allows a user to manually enter a lab test and result for a subject and optionally an investigation. It collects details about the associated requisition, lab report, and results on the same screen.

Lab Quick Entry is limited to entering simple results for a single subject. If a user has additional details to be entered, they can update the generated requisition and/or lab report as necessary after these have been created through Lab Quick Entry.

**Note:** A subject or investigation **must be** in context before accessing this screen.

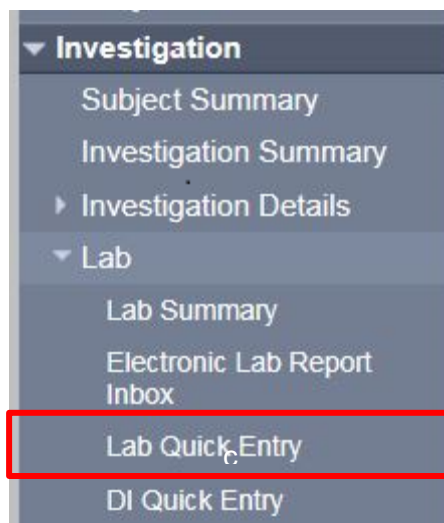


**Tip:** At any time, click the **Clear** button to clear all entry fields and set them back to their default values.

### 2.1 Lab Quick Entry

1. Select **Investigation -> Lab -> Lab Quick Entry** from the Left-Hand Navigation menu.

The **Lab Quick Entry** screen is displayed.



**Tip:** Client context is required for this screen. If an Investigation is in context as well, the lab information will be automatically associated to that investigation.



- Enter the following information related to the lab test result: **Encounter Group**, **Service Delivery Location**, **Resulting Lab**, **Ordering Provider**, **PH Received Date** and **Lab Report Date/Time**.

### Lab Quick Entry



ACTIVE

Client ID: <a href="#">218</a>	Name (Last, First Middle) / Gender: EKM_LabTEST, For Jacob / Male	Health Card No: -	Date of Birth / Age: 1989 Jun 05 / 29 years
Phone Number: (-)	Jurisdiction Info: Nova Scotia Health Authority, Central Zone	Additional ID Type / Additional ID: Provincial health service provider identifier / -	

☐ Override Result Duplication

---

\* Required field

**Encounter Group:** ▼

**Service Delivery Location:** To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.  

Service Delivery Location: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > Nova Scotia Health Authority > Central Zone > Halifax Public Health Office > [Halifax PHO]

[Find](#)

**Resulting Lab:** ☒ Use Favourite Location: Halifax PHO ▼  
☐ Use Another Location:  
To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.  

Service Delivery Location: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 3 Location]

[Find](#)

**PH Received Date:** 2018/08/15  
yyyy mm dd

**Lab Report Date/Time:** / / : :  
yyyy mm dd hh mm

**Accession Number:**   
**Ordering Provider:** ☒ Use this Provider:  
Click Find to select a provider:  

**Provider:**

[Find](#)

☐ Use Other Provider:



- In either the **Test Name** or **Result Name** type ahead, begin to type the desired test or result name. Select the correct name by clicking it.
- Click **Select Test/Result** button.

Quick Entry Tests/Results

Tests/Results Actions:

Set All Negative

Clear All

Test Panel:

▼

Select Panel

\* Test Name:

OR

\* Result Name:

Select Test/Result

The user will be presented with a selection of new fields related to the result such as Specimen, Result Status, Interpreted Result etc.

5. Select **Specimen Type** and **Specimen Site**.
6. Enter **Specimen Description** and **Collection Date/Time**.
7. Enter **Result Name**, **Result Status**, **Result Date** and optional result data.

\* Test Name: Immunoassay

Specimen Type:

Specimen Site:

Specimen Description:

Collection Date/Time:  /  /   :   
yyyy mm dd hh mm

Test Annotations:   
(4000 characters)

\* Result Name:

\* Result Status:

Interpreted Result:

\* Result Date:  /  /    
yyyy mm dd

Result Value:

Result Units:

Disease:

Microorganism:

Result Description:   
(4000 characters)



**Tip:** It is possible to enter multiple tests and results while on the Lab Quick Entry Screen.

8. To generate a work management task select **Investigator Organization**, **Workgroup** and optionally **Investigator**.

### Notify Investigator

Investigator Organization

To specify an Organization, first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Find

Workgroup: 

▼

Investigator: 

▼

Notify Investigator Comments

(4000 characters)

Save

Clear

9. Click **Save** button.

The system navigates the user to the lab report screen.

The lab requisition, lab report and result will be automatically generated and associated with the client and investigation (if in context).

If a Workgroup or Investigator were selected, a task is generated for the specified workgroup or individual.

## Human Lab Report

?

ACTIVE

<b>Client ID:</b>	<b>Name(Last, First Middle)/Gender:</b>	<b>Health Card No:</b>	<b>Date of Birth / Age:</b>
218	EKM_LabTEST, ForJacob / Male	-	1989 Jun 05 / 29 years
<b>Phone Number:</b>	<b>Jurisdiction Info:</b>	<b>Additional ID Type / Additional ID:</b>	
-(-)	Nova Scotia Health Authority, Central Zone	Provincial health service provider identifier / -	

Investigation

<b>Investigation ID:</b>	<b>Status:</b>	<b>Disposition:</b>	<b>Investigator:</b>
179	OPEN	Investigation in progress	-
<b>Disease:</b>	<b>PHAC Date/Type:</b>	<b>Etiologic Agent:</b>	<b>Authority/Classification:</b>
Tuberculosis	2018 Aug 03 / Specimen Collection	Mycobacterium tuberculosis complex / bovis	National / Case - Person Under Investigation / 2018 Aug 09

The requisition, lab report and result(s) were successfully created.

## 2.2 Negative Test Results

Negative results entered into Panorama will be limited to those lab results received in the context of contact tracing.

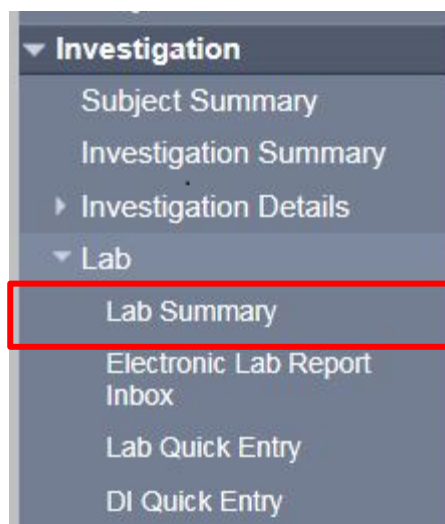
### 3 LAB SUMMARY

The Lab Summary screen displays all Lab Reports and Results for the current Subject, Investigation, Cohort or Outbreak in context filtered based on the Encounter Group and Data Access Scope of the logged in User.

The list can be filtered as necessary. Any Lab Report detail to be viewed or updated can be accessed through the Lab Summary.

#### 3.1 Navigating to the Lab Summary screen

1. Select **Investigation -> Lab -> Lab Summary** from the Left-Hand Navigation menu.



#### 3.2 Viewing Lab Test and Results

The Lab Summary list provides summarized and detailed views of lab tests and results for the client, investigation, outbreak, or cohort in context, subject to any filters which have been selected.

Each row of the Lab Summary list displays key information for a single result. It can be expanded to display detailed information for the test or result.

1. Click the ⊕ icon for the row of interest. Expanded details of the test or result will be displayed below the row.
2. Click the ⊖ icon for the row with expanded details. The expanded details will be hidden.

Row Actions: <a href="#">View/Update Requisition</a> <a href="#">View/Update Lab Report</a>										
* Flag indicates sensitivities present										
		<a href="#">Specimen Collection / Imaging Date</a>	<a href="#">Specimen Type / Description</a>	<a href="#">Result Name</a>	<a href="#">Interpreted Result/ Result</a>	<a href="#">Flag</a>	<a href="#">Accession No.</a>	<a href="#">Etiologic Agent</a>	<a href="#">Epi Markers</a>	<a href="#">Result Status</a>
<input type="checkbox"/>	+	2018 Jul 30	Swab / -	Presence or Identity	Positive;		New Asseccion #	Influenza virus / Influenza B	-	Final
<input type="checkbox"/>	+	2018 Jul 30	Swab / -	Presence or Identity	Positive;		New Asseccion #	Influenza virus / Influenza A	-	Preliminary
<input type="checkbox"/>	-	2018 Jul 28	Swab / -	Presence or Identity	Indeterminate;	*	lab234	Salmonella / Enteritidis	Group : free text here NML No. : free text here Serotype (specify) : free text here wgMLST Cluster Code : free text here	Preliminary
<div> <div> <b>Specimen Collection Time:</b>  <b>Requisition ID / Date:</b> 46 / 2018 Jul 28  <b>Test Name:</b> Culture  <b>Lab Report ID / Date:</b> 38 / 2018 Jul 30  <b>Result Date:</b> 2018 Jul 30  <b>Result Description:</b>  <b>Etiologic Agent Sensitivities:</b> </div> <div> <b>Specimen Site:</b>  <b>Ordering Provider:</b> Wound  Out of province provider  <b>PH Received Date:</b> 2018 Jul 30  <b>Resulting Lab:</b> Halifax PHO </div> </div>										
Antimicrobial Drug		Interpretation		Sensitivity Value		Additional Details				
Rifampin		Sensitive		-		-				

### 3.3 Viewing or Updating a Requisition

A user can view or, if permitted, update a requisition.

**Note:** the Requisition screen will not be used in Nova Scotia.



**Tip:** Update Specimen Type and Specimen Sites by updating the requisition portion of a test entered in Panorama.

1. Select the row corresponding to the requisition to be viewed or updated from the Lab Summary table.
2. Click **View/Update Requisition** button.

Row Actions: **View/Update Requisition** View/Update Lab Report

\* Flag indicates sensitivities present

		Specimen Collection / Imaging Date	Specimen Type / Description	Result Name	Interpreted Result; Result	Flag	Accession No.	Etiologic Agent	Epi Markers	Result Status
<input checked="" type="checkbox"/>	+	2018 Aug 9	Aspirate / -	Presence or Identity	Indeterminate;			-		Preliminary
<input type="checkbox"/>	+	2018 Aug 3	Swab / -	Presence or Identity	Positive;	*	ASCNew890890	Mycobacterium tuberculosis complex / bovis	-	Amended
<input type="checkbox"/>	+	2018 Aug 3	Swab / -	Presence or Identity	Positive;		ASCNew890890	Mycobacterium tuberculosis complex	-	Preliminary
<input type="checkbox"/>	+	2018 Aug 3	Blood / description	Presence or Identity	Indeterminate;			-		Final
<input type="checkbox"/>	+	2018 Aug 1		Chest x-ray	Abnormal;		accession ID here	-		Final

Total: 5    Page 1 of 1    Jump to page:

Select All | Deselect All

The corresponding Lab Requisition screen will be displayed.

## Human Requisition



Alerts
Notes
ACTIVE

Client ID: 179    Name (Last, First Middle)/Gender: EKM Demo, Sprint 7 / Female    Health Card No: -    Date of Birth / Age: 1998 Jun 02 / 20 years

Phone Number: -(-)    Jurisdiction Info: Nova Scotia Health Authority, Central Zone    Additional ID Type / Additional ID: Provincial health service provider identifier / -

Investigation ID: 226    Status: Open    Disposition: Completed, further action not required    Investigator: -

Disease: Measles    PHAC Date/Type: 2018 Aug 18 / Date Reported    Etiologic Agent: -    Authority/Classification: National / Case - Not a Case / 2018 Aug 18

Encounter Date: 2018 Aug 01    Encounter Group / Type: Communicable Disease Investigation / Lab    Encounter Activity: -

☐ Override Duplication

[Record Clinical Information](#)

Reason for Deletion:

Reason for Withdrawal:

Requisition ID: 47    Requisition Status: Submitted    Non-nominal Requisition: ☐  
 Cohort ID: -    Outbreak ID: -    Solicited Requisition: ☐  
 Alternate Requisition ID: -

### Requisition Details [^ Hide Requisition Details](#)

Encounter Group: Communicable Disease Investigation

Service Delivery Location: Halifax PHO

Receiving Lab: Yarmouth Regional Hospital-General

Test Urgency:

-

Urgency Reason:

-

Requisition Date:

2018 Jul 30

### Providers [^ Hide Providers](#)

Provider	Provider Type	Contact Information
Other Provider	Ordering Provider	-

### Lab Tests [^ Hide Lab Tests](#)

Encounter Group:

Test Panel:

Specimen Collection Date/Time:

Add Panel

#### Specimens

\* Required field (for Add/Update only)

\* Specimen Type:

Site

Collection Date/Time:

Specimen Description:

Add Clear

Row Actions:	Update	Delete	Select All	Deselect All
Specimen ID	Specimen Type	Site	Collection Date/Time	Specimen Description
<input type="checkbox"/> 47 - 1	Swab	Nasopharynx	2018 Jul 30	

### Lab Tests

Encounter Groups:

Sexually Transmitted Infections[more...]  
Tuberculosis Disease Investigation

Add >

< Remove

Selected Encounter Groups:

Communicable Disease Investigation

Specimen:

Specify Test: (Use one of the methods to specify the lab test for this requisition.)

☐ Test Type

Encounter Group:

Disease:

Test Name:

☒ Test Name:

☐ Test Code:

Add Clear



## 4 VIEWING OR UPDATING LAB REPORTS AND RESULTS

The Lab Report screen is accessed through the Lab Summary screen.

A lab report is associated with one or more tests and is used to group lab results together. A single test can generate multiple results on different lab reports.

The Lab Report screen is used to view the tests and results associated with a specific lab report. It is also used to update lab reports or results when a subsequent lab report or new result is received for a lab already entered into Panorama.

### 4.1 Navigate to the Lab Report screen.

A user can view or, if permitted, update a report, including any results on the report.

#### To view or update a specific report

1. Select the row corresponding to the report to be viewed or updated from the Lab Summary table.
2. Click **View/Update Report** button.

The corresponding Lab Report screen will be displayed, including all tests and results recorded on the report.

Row Actions: View/Update Requisition View/Update Lab Report

\* Flag indicates sensitivities present

		<u>Specimen Collection / Imaging Date</u>	<u>Specimen Type / Description</u>	<u>Result Name</u>	<u>Interpreted Result; Result</u>	<u>Flag</u>	<u>Accession No.</u>	<u>Etiologic Agent</u>	<u>Epi Markers</u>	<u>Result Status</u>
<input checked="" type="checkbox"/>	⊕	2018 Aug 9	Aspirate / -	Presence or Identity	Indeterminate;			-		Preliminary
<input type="checkbox"/>	⊕	2018 Aug 3	Swab / -	Presence or Identity	Positive;	*	ASCNew890890	Mycobacterium tuberculosis complex / bovis	-	Amended
<input type="checkbox"/>	⊕	2018 Aug 3	Swab / -	Presence or Identity	Positive;		ASCNew890890	Mycobacterium tuberculosis complex	-	Preliminary
<input type="checkbox"/>	⊕	2018 Aug 3	Blood / description	Presence or Identity	Indeterminate;			-		Final
<input type="checkbox"/>	⊕	2018 Aug 1		Chest x-ray	Abnormal;		accession ID here	-		Final

Total: 5

⏪ ⏩ Page 1 of 1 ⏪ ⏩

Jump to page:


Select All | Deselect All

**Note:** The View/Update Report button will be disabled if the selected lab entry has no report.

## 4.2 Update a Lab Report

1. On the Lab Report screen, update the **Report Details** fields.
2. Click **Save** button.

### Human Lab Report

? 

ACTIVE

Client ID: <a href="#">218</a>	Name(Last, First Middle)/Gender: EKM_LabTEST, ForJacob / Male	Health Card No: -	Date of Birth / Age: 1989 Jun 05 / 29 years
Phone Number: -(-)	Jurisdiction Info: Nova Scotia Health Authority, Central Zone	Additional ID Type / Additional ID: Provincial health service provider identifier / -	

Investigation

Investigation ID: <a href="#">179</a>	Status: OPEN	Disposition: Investigation in progress	Investigator: -
Disease: Tuberculosis	PHAC Date/Type: 2018 Aug 03 / Specimen Collection	Etiologic Agent: Mycobacterium tuberculosis complex / bovis	Authority/Classification: National / Case - Person Under Investigation / 2018 Aug 09

☐ Override Duplication

Reason for Deletion:  

Delete

Lab Reports for Requisition:  

Display

Save

Reset

Cancel

**Report Details** Hide Report Details

\* Required field

Requisition Date: [2018 Aug 9](#)  
Lab Report Type: Manual  
Lab Report ID: 51

Requisition Status: Partial  
  
Lab Report Source:

\* PH Received Date: 

2018

08

15

|

yy

mm

dd

Lab Report Date: 

|

Accession Number:

Lab Report Status:

\* Resulting Lab: 

☒ Use Favourite Location:

☐ Use Another Location:  
To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Service Delivery Location: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 3 Location]

Find

**Comments**

Comment:

Add

(4000 characters remaining)

Date	Comments	Recorded By

3. The updated lab report and results will be saved

**Note:** At any time, click the **Reset** button to discard all changes and return the fields to their last saved values.

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P16-0371 Panorama Implementation Project - PNS IOM 101



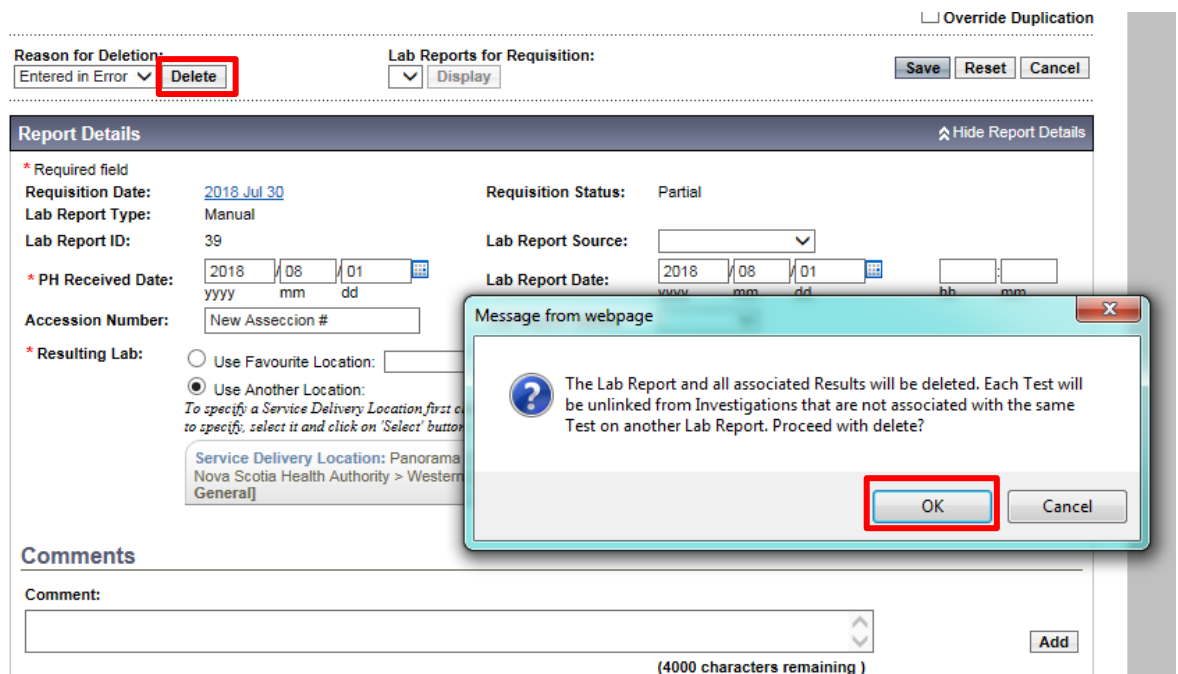
**Tip:** This screen is also used to access the tests and results associated with a lab report.

### 4.3 Delete a Lab Report

1. On the Lab Report screen, select a **Reason for Deletion**.
2. If **"Other"** is selected, enter a **Reason**.
3. Click **Delete** button.

A warning will be displayed asking for confirmation the lab report and all associated results are to be deleted.

4. Click **OK** button.



The screenshot shows the 'Lab Report' screen with the 'Reason for Deletion' dropdown set to 'Entered in Error' and the 'Delete' button highlighted with a red box. A 'Message from webpage' dialog box is overlaid on the screen, asking for confirmation to delete the lab report and its results. The dialog box contains the following text: 'The Lab Report and all associated Results will be deleted. Each Test will be unlinked from Investigations that are not associated with the same Test on another Lab Report. Proceed with delete?'. The 'OK' button in the dialog box is also highlighted with a red box. The background form shows various fields for 'Report Details' including 'Requisition Date', 'Lab Report Type', 'Lab Report ID', 'PH Received Date', 'Accession Number', and 'Resulting Lab'.

The lab report and all its results will be deleted. The Lab Summary screen will be displayed with a message indicating the lab report was deleted.

## Lab Summary



Alerts

Notes

ACTIVE

Client ID: 179	Name(Last, First Middle)/Gender: EKM Demo, Sprint 7 / Female	Health Card No: -	Date of Birth / Age: 1998 Jun 02 / 20 years
Phone Number: -(-)	Jurisdiction Info: Nova Scotia Health Authority, Central Zone	Additional ID Type / Additional ID: Provincial health service provider identifier / -	

Lab Report successfully deleted.

Requisitions

## 4.4 Working with Tests

The tests included on the lab report are displayed in the Selected Tests section. A user can perform a wide range of actions involving the tests and results for the lab report.

Selected Tests

Hide Selected Tests

Requisition Tests:

Add to Report

Set All Negative

Row Actions:

Delete Test

Set to Cannot Report

Subject Investigations:

Link to Investigation

Pertinent Investigations:

Unlink from Investigation

Test Annotations:

(4000 characters)

Update Annotations

	Test ID	Resulted	Test Name	Specimen	Collection Date	Pertinent Investigations	Test Annotations	Encounter Group
	59	✓	Culture	Aspirate/ Nasopharynx	2018 Aug 9			Tuberculosis Disease Investigation

Reason for Deletion:

Delete

Save

Reset

Cancel

**Note:** For information regarding working with the results of a test, refer to the [Working with Results](#) section of this document.

### 4.4.1 Viewing Tests and Results

**Note:** The Result Details section of the Lab Report page remains hidden until the Test ID hyperlink of one of the tests is selected.

1. In the **Selected Tests** section, view the Tests listed.
2. To view the results for a test, click the **Test ID** hyperlink in the Selected Tests list.

The **Result Details** section is displayed with the results, if any, for the test.

Selected Tests

Hide Selected Tests

Requisition Tests: ▼ Add to Report

Set All Negative

Row Actions: Delete Test Set to Cannot Report

Subject Investigations: ▼ Link to Investigation

Pertinent Investigations: ▼ Unlink from Investigation

Test Annotations:

(4000 characters)

Update Annotations

	Test ID	Resulted	Test Name	Specimen	Collection Date	Pertinent Investigations	Test Annotations	Encounter Group
<input type="radio"/>	59	<input checked="" type="checkbox"/>	Culture	Aspirate/ Nasopharynx	2018 Aug 9			Tuberculosis Disease Investigation

Result Details

Hide Result Details

\* Required field

Test: 59 - Culture

Specimen Type / Site: Aspirate/ Nasopharynx

\* Result Name: Presence or Identity

Test Category: Microbiology

Collection Date: 

2018

 / 

08

 / 

09

#### 4.4.2 Delete a Test from the Lab Report

1. In the Selected Tests section, select the radio button to the left of the test to be deleted.
2. Click **Delete Test** button.

The selected test will be removed from the Selected Tests list.

**Note:** Tests with results **may not be deleted**. Deleting the test only removes it from the lab report; it will remain on the associated requisition.

### 4.4.3 Investigation Related Features

Selected Tests Hide Selected Tests

Requisition Tests: Add to Report

Set All Negative

Row Actions: Delete Test Set to Cannot Report

Subject Investigations: 136, Chlamydia, 2018 Jun 13 Link to Investigation

Pertinent Investigations: 137, Botulism, 2018 Jul 24 Unlink from Investigation

Test Annotations: Update Annotations

(4000 characters)

	Test ID	Resulted	Test Name	Specimen	Collection Date	Pertinent Investigations	Test Annotations	Encounter Group
<input checked="" type="radio"/>	23	✓	CBC	Body substance sample/ Blood film sample	2018 Jun 21	137, Botulism, 2018 Jul 24		Tuberculosis Disease Investigation

1. In the Selected Tests section, select the radio button to the left of the test to which the investigation will be added.

#### 4.4.3.1 To Link to an Investigation

2. Select an investigation from the Subject Investigations dropdown.
3. Click **Link to Investigation** button.

In the Selected Tests section, a hyperlink in the Pertinent Investigations column for the investigation specified appears. A message is displayed indicating the linking was successful.

Reported complex Jun 16

The Test (ID=23) was successfully linked to the Investigation (ID=136).

☐ Override Duplication

#### 4.4.3.2 To Unlink from an Investigation

1. In the Selected Tests, select the radio button to the left of the test with the pertinent Investigation to be unlinked.
2. Select the desired investigation from the Pertinent Investigations dropdown and click **Unlink from Investigation** button.

In the Selected Tests section, a hyperlink in the Pertinent Investigations column for the investigation specified is removed.

A message is displayed indicating the unlinking was successful.

3. Click **Save** button.

The updated lab report and results will be saved.

**Note:** This feature is available only if the current subject has an investigation recorded the test can be linked to.

**Note:** Clicking on the Pertinent Investigation hyperlink displays the Investigation Summary screen of the specified investigation.

## 4.5 Working with Results

---

The Result Details section displays the results for a single test. A user can add a new result for the test, update an existing result, or delete a result.

A user can also create an investigation for the result, update the disease event for the result, notify a workgroup or investigator of the result, or, for microbiology results, update the etiologic agent sensitivities.

**Note:** To work with the results for a test, start by viewing the test and results.

### 4.5.1 Add Results

1. Enter the result information in the Result Details section.
2. Click **Add** button.



Result Details

\* Required field

Test:

59 - Culture

Specimen Type / Site:

Aspirate/ Nasopharynx

\* Result Name:

Presence or Identity

\* Result Status:

Interpreted Result:

Result Value:

Result Units:

Test Category:

Microbiology

Collection Date:

2018

/

08

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09

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Sample ID:

\* Result Date:

Result ID:

-

Description:

(4000 characters)

Etiologic Agent

Encounter Group:

Tuberculosis Disease Investigation

Disease:

Microorganism:

☐ Override Duplication
 

Add

Clear

Row Actions:

View/Update

Create Investigation

Reason for Deletion:

Delete

Pertinent Investigations:

Disease Event:

-

Update Disease Event

Investigator Organization

To specify an Organization, first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Find

Workgroup:

Investigator:

Notify Investigator Comments:

(4000 characters)

Notify Investigator

	Result ID	Result Name	Interpreted Result; Result	Etiologic Agent	Epi Markers	Sensitivities	Result Date	Result Status	Description
	53	Presence or Identity	Indeterminate;	-	-	No	2018 Aug 15	Preliminary	-

The new result will be added to the list of results for the test.



#### **4.5.2 Update a Result**

**Important:** If a user navigates to the Lab Summary screen with **both** a client and investigation in context and attempts to view/update the Lab Report, the system will present an error message and not allow navigation to the lab report until the investigation is removed from context.

The simplest way to remove the client from context is to click Recent Work and click the hyperlink of the Client being updated. This will remove the investigation from context.

1. Select the radio button of the desired result listed in the Result Details section.
2. Click **View/Update** button.

Result Details

[Hide Result Details](#)

\* Required field

Test: 61 - NAAT

Specimen Type / Site: Swab/ Nasopharynx

\* Result Name:

\* Result Status:

Interpreted Result:

Result Value:

Result Units:

Test Category: Microbiology

Collection Date:

2018

/

08

/

10

:

:

yyyy

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dd

hh

mm

Sample ID:

\* Result Date:

2018

/

08

/

13

:

:

yyyy

mm

dd

Result ID:

-

Description:

(4000 characters)

Etiologic Agent

Encounter Group: Tuberculosis Disease Investigation

Disease:

Microorganism:

☐ Override Duplication
 

Add

Clear

Row Actions:

View/Update

Create Investigation

Reason for Deletion:

Delete

Pertinent Investigations:

Disease Event:

Update Disease Event

Investigator Organization

To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Find

Workgroup:

Investigator:

Notify Investigator Comments:

(4000 characters)

Notify Investigator

	Result ID	Result Name	Interpreted Result: Result	Etiologic Agent	Epi Markers	Sensitivities	Result Date	Result Status	Description
<input checked="" type="radio"/>	56	Presence or Identity	Positive;	-	-	No	2018 Aug 13	Final	-

Reason for Deletion:

Delete

Save

Reset

The details of the selected result are displayed in the Result Details section.

- Update the result details as necessary.
- Click **Apply Update** button.

22

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Result Details

Hide Result Details

\* Required field

Test:

61 - NAAT

Specimen Type / Site:

Swab/ Nasopharynx

Test Category:

Microbiology

\* Result Name:

Presence or Identity

\* Result Status:

Final

Interpreted Result:

Positive

Result Value:

Result Units:

Collection Date:

2018

08

10

yyyy

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dd

hh

mm

Sample ID:

\* Result Date:

2018

08

13

yyyy

mm

dd

Result ID:

56

Description:

(4000 characters)

Etiologic Agent

Encounter Group:

Tuberculosis Disease Investigation

Disease:

Microorganism:

Override Duplication

Apply Update

Clear

The updated result will be saved and will appear in the list of results.

### 4.5.3 Investigation Related Features

#### 4.5.3.1 Create an Investigation Based on a Lab Result

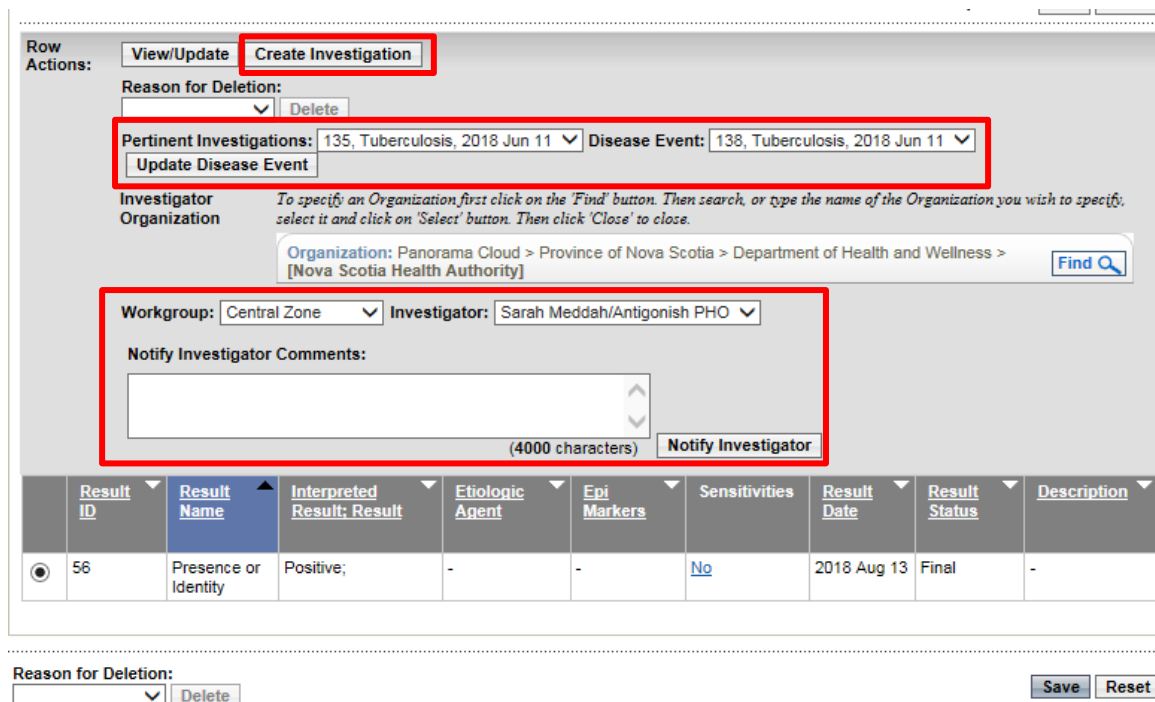
1. Select the radio button to the left of the desired result listed in the Result Details section.
2. Click **Create Investigation** button.

The **Create Investigation** screen will be displayed. Follow steps to create an investigation for the client in context.

#### 4.5.3.2 Update the Disease Event for an Existing Investigation

1. Select the radio button to the left of the desired result listed in the **Result Details** section.
2. Select the **Pertinent Investigation**, then the **Disease Event**.
3. Click **Update Disease Event** button.

The **Disease Event Details** screen will be displayed, where the details can be updated.



Row Actions:

Reason for Deletion:

Pertinent Investigations: 135, Tuberculosis, 2018 Jun 11  Disease Event: 138, Tuberculosis, 2018 Jun 11

Investigator Organization: To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Workgroup: Central Zone

Notify Investigator Comments:  (4000 characters)

	Result ID	Result Name	Interpreted Result: Result	Etiologic Agent	Epi Markers	Sensitivities	Result Date	Result Status	Description
<input checked="" type="radio"/>	56	Presence or Identity	Positive;	-	-	No	2018 Aug 13	Final	-

Reason for Deletion:

#### 4.5.3.3 Notify an Investigator of a Lab Result that Requires Action

**Note:**

Tasks should be created **both** when a new lab result is entered and when subsequent results are received and entered.

If microorganism results are updated in the lab module , the task should be used to inform the investigator to update the microorganism fields in the investigation.

1. Select the radio button to the left of the desired result listed in the **Result Details** section.
2. Select a **Workgroup**.
3. Optionally, select an **Investigator**.
4. Optionally enter comments in the **Notify Investigator Comments** field.
5. Click the **Notify Investigator** button.

A task will be created for the workgroup or investigator.

## 5 MANAGING ETIOLOGIC AGENT SENSITIVITIES

A user can add a new etiologic agent sensitivity to a microbiology or general test result, or update/delete an existing one.

**Note:**

- At any time, click the **Reset** button to discard all changes and return the fields to their last saved values.
- A user can add, update, or delete several etiologic agent sensitivities before clicking Save.
- Only one sensitivity may be entered for any particular antimicrobial drug.

**Note:** The Etiologic Agent Sensitives screen can only be reached from the Lab Report screen.

1. Click the hyperlink in the **Sensitivities** column of the desired result listed in the **Result Details** section.

Row Actions:

View/Update

Create Investigation

Reason for Deletion:

Delete

Pertinent Investigations:

Disease Event: -

Update Disease Event

Investigator Organization

To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Find

Workgroup:

Investigator:

Notify Investigator Comments:

(4000 characters)

Notify Investigator

	Result ID	Result Name	Interpreted Result; Result	Etiologic Agent	Epi Markers	Sensitivities	Result Date	Result Status	Description
<input type="radio"/>	53	Presence or Identity	Indeterminate;	-	-	No	2018 Aug 15	Preliminary	-
<input type="radio"/>	54	Presence or Identity	Positive;	Mycobacterium tuberculosis complex / BCG	-	Yes	2018 Aug 15	Final	-

The Etiologic Agent Sensitivities screen will be displayed, where the sensitivities can be added or updated.

## 5.1 Add an Etiologic Agent Sensitivity

1. On the Etiologic Agent Sensitivities screen, start typing the first few characters of an Antimicrobial Drug and select the designed drug from the filtered list.
2. Select an **Interpretation** and, if desired, enter optional information.
3. Click **Add** button.

### Etiologic Agent Sensitivities

?

Alerts
Notes
ACTIVE

Client ID:

179

Name(Last, First Middle)/Gender:

EKM Demo, Sprint 7 / Female

Health Card No:

-

Date of Birth / Age:

1998 Jun 02 / 20 years

Phone Number:

-(-)

Jurisdiction Info:

Nova Scotia Health Authority, Central Zone

Additional ID Type / Additional ID:

Provincial health service provider identifier / -

Investigation ID:

135

Status:

OPEN

Disposition:

Pending

Investigator:

[Erin McClarty](#)

Disease:

Tuberculosis

PHAC Date/Type:

2018 Jun 11 / Date Reported

Etiologic Agent:

Mycobacterium tuberculosis complex

Authority/Classification:

National / Case - Person Under Investigation / 2018 Jun 16

Investigation

Save

Reset

Cancel

### Result Details

Result Name:

Presence or Identity

Result Status:

Final

Interpreted Result:

Positive

Description:

-

Disease:

-

Etiologic Agent:

-

Sample ID:

-

Result Date:

2018 Aug 13

Result ID:

56

### Sensitivities

\* Antimicrobial/Drug:

Amikacin

\* Interpretation:

Unknown

Sensitivity Value:

100

Additional Details:

additional details go here

(1974 characters remaining)

Add

Clear

Row Actions:

Update

Delete

	Antimicrobial Drug	Interpretation	Sensitivity Value	Additional Details
<input checked="" type="radio"/>	Rifabutin	Resistant	-	-

Created By

Created Date/Time

Last Updated By

Last Updated Date/Time

Save

Reset

Cancel

The new etiologic agent sensitivity will be added to the list of sensitivities.

4. Click **Save** button.

## 5.2 Update an Etiologic Agent Sensitivity

1. On the Etiologic Agent Sensitivities screen, click the radio button next to the sensitivity to be updated.
2. Click **Update** button.
- 3.

Row Actions:		Update	Delete
Antimicrobial Drug	Interpretation	Sensitivity Value	Additional Details
<input type="radio"/> Amikacin	Unknown	100	additional details go here
<input checked="" type="radio"/> Rifabutin	Resistant	-	-

**Created By**  
McClarty, Erin

**Created Date/Time**  
2018 Aug 20 10:35 ADT

**Last Updated By**  
McClarty, Erin

**Last Updated Date/Time**  
2018 Aug 20 10:35 ADT

The details of the selected sensitivity will be displayed in the Sensitivities section.

4. Update the details as desired.
5. Click **Apply Update** button.



---

### Result Details

Result Name:	Presence or Identity	Sample ID:	-
Result Status:	Final	Result Date:	2018 Aug 13
Interpreted Result:	Positive	Result ID:	56
Description:	-		
Disease:	-		
Etiologic Agent:	-		

---

### Sensitivities

\* Antimicrobial/Drug:

\* Interpretation:

Sensitivity Value:

Additional Details:

(2000 characters remaining)

The updated etiologic agent sensitivity will appear in the list of sensitivities.

- Click **Save** button.

## 5.3 Delete an Etiologic Agent Sensitivity

- On the Etiologic Agent Sensitivities screen, click the radio button next to the sensitivity to be updated.
- Click **Delete** button.

---

Row Actions:	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
--------------	---------------------------------------	---------------------------------------

	Antimicrobial Drug	Interpretation	Sensitivity Value	Additional Details
<input checked="" type="radio"/>	Amikacin	Unknown	100	additional details go here
<input type="radio"/>	Rifabutin	Resistant	-	-

Created By  
McClarty, Erin

Created Date/Time  
2018 Aug 20 10:35 ADT

Last Updated By  
McClarty, Erin

Last Updated Date/Time  
2018 Aug 20 10:38 ADT

The selected etiologic agent sensitivity will be removed from the list of sensitivities.

- Click **Save** button.

## Etiologic Agent Sensitivities



 Alerts

 Notes

ACTIVE

<b>Client ID:</b> <a href="#">179</a>	<b>Name(Last, First Middle)/Gender:</b> EKM Demo, Sprint 7 / Female	<b>Health Card No:</b> -	<b>Date of Birth / Age:</b> 1998 Jun 02 / 20 years
<b>Phone Number:</b> -(-)	<b>Jurisdiction Info:</b> Nova Scotia Health Authority, Central Zone	<b>Additional ID Type / Additional ID:</b> Provincial health service provider identifier / -	

[Investigation](#)

<b>Investigation ID:</b> <a href="#">135</a>	<b>Status:</b> OPEN	<b>Disposition:</b> Pending	<b>Investigator:</b> <a href="#">Erin McClarty</a>
<b>Disease:</b> Tuberculosis	<b>PHAC Date/Type:</b> 2018 Jun 11 / Date Reported	<b>Etiologic Agent:</b> Mycobacterium tuberculosis complex	<b>Authority/Classification:</b> National / Case - Person Under Investigation / 2018 Jun 16

Result successfully updated.

The system displays a message the data has been successfully updated.

## 6 DIAGNOSTIC IMAGING

The Diagnostic Imaging (DI) Quick Entry screen provides a streamlined way to manually enter unsolicited Diagnostic Imaging test results for a subject. When the Diagnostic Imaging Quick Entry screen is used, the requisition, lab report, and results are created together from the same screen.

**Note:** If the test was requisitioned in the system, add the report on the Lab Requisition screen instead of using Diagnostic Imaging Quick Entry.

Diagnostic Imaging Quick Entry is limited to entering simple results for a single subject. If there are additional details to be entered, a user can update the generated requisition and/or lab report as necessary after creating them in Diagnostic Imaging Quick Entry.

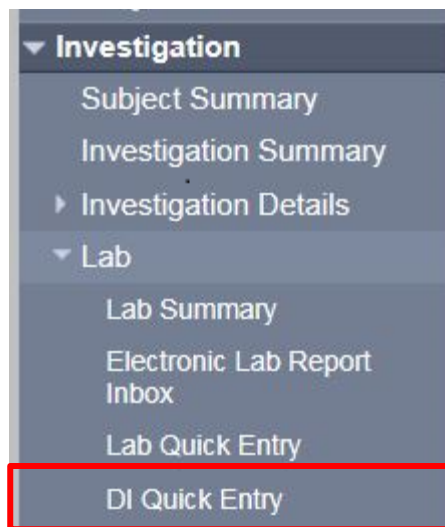
**Notes:**

- A subject or investigation **must be** in context before accessing this screen.
- At any time, click the **Clear** button to clear all entry fields and set them back to their default values.
- Diagnostic Imaging results will be recorded for **TB cases only**. All other tests and information should be documented in clinical notes.

### 6.1 DI Quick Entry

---

1. Select **Investigation -> Lab -> DI Quick Entry** from the Left-Hand Navigation menu.



The Diagnostic Imaging Quick Entry Screen is displayed

2. Enter information related to the Diagnostic Imaging test result such as **Encounter Group**, **Resulting Lab**, **Ordering Provider**, and **PH Received** date.

## Diagnostic Imaging Quick Entry



ACTIVE

Client ID: <a href="#">218</a>	Name (Last, First Middle)/Gender: EKM_LabTEST, ForJacob / Male	Health Card No: -	Date of Birth / Age: 1989 Jun 05 / 29 years
Phone Number: -(-)	Jurisdiction Info: Nova Scotia Health Authority, Central Zone	Additional ID Type / Additional ID: Provincial health service provider identifier / -	

Investigation ID: <a href="#">179</a>	Status: OPEN	Disposition: Investigation in progress	Investigator: -
Disease: Tuberculosis	PHAC Date/Type: 2018 Aug 03 / Specimen Collection	Etiologic Agent: Mycobacterium tuberculosis complex / bovis	Authority/Classification: National / Case - Person Under Investigation / 2018 Aug 09

[Investigation](#)

☐ Override Result Duplication

---

\* Required field

☐ Non-Nominal Requisition

Encounter Group: Tuberculosis Disease Investigation

\* Service Delivery Location: *To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Service Delivery Location: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > Nova Scotia Health Authority > Central Zone > Halifax Public Health Office > [Halifax PHO]

\* Resulting Lab:

☒ Use Favourite Location: Halifax PHO

☐ Use Another Location: *To specify a Service Delivery Location first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Service Delivery Location: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 3 Location]

\* PH Received Date: 2018/08/15 yyyy mm dd

Lab Report Date/Time:  yyyy mm dd  hh mm

Accession Number:

Ordering Provider:

☒ Use this Provider: *Click Find to select a provider:*

Provider:

☐ Use Other Provider:

3. Select the test being reported from the **Test Name** drop list.
4. The appropriate result fields for the selected test are displayed below the **Test Name**.
5. Enter the Panorama mandatory result (\*) fields and, where appropriate, optional result fields.

Quick Entry Tests/Results

\* Test Name:

Chest x-ray

\* Views:

Available Views

Add >

< Remove

Requested Views

Chest x-ray

\* Imaging Date/Time:

2018

/

8

/

1

:

yyyy

mm

dd

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mm

Disposition:

Filing Reference Type:

SHARE

Filing Reference:

New

New Filing Reference:

123456

Radiologist Report

Radiologist:

Use this Provider:

Click Find to select a provider:

Provider:

Find

Use Other Provider:

Mickey Mouse

\* Result Status:

Final

\* Interpreted Result:

Abnormal

\* Result Date:

2018

/

8

/

14

yyyy

mm

dd

Site of Abnormality:

Bilateral

Abnormality Details:

☒
Cavitary - Left

☐
Cavitary - Right

☐
Non-cavitary - Left

☒
Non-Cavitary - Right

Radiologist Analysis

Radiologist analysis goes here.

(3969 characters)

6. If a workgroup or individual investigator should be notified of the result, select a **Workgroup**, and optionally **Investigator**.
7. Click **Save** button.

### Notify Investigator

**Investigator Organization** *To specify an Organization, first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority] Find

Workgroup:  Investigator:

Notify Investigator Comments

(4000 characters)

Save Clear

A Diagnostic Imaging lab requisition and lab report with results are created, along with an encounter if one was not already in context.

If a Workgroup or Investigator was selected, a task is generated for the specified workgroup or individual.

## 6.2 Update/View Diagnostic Imaging

To update a diagnostic image report entered via the Diagnostic Imaging Quick Entry screen, the steps are the same as those to update a lab report, test and result and summarized below:

1. Put a client and/or investigation in context.
2. Navigate to the **Lab Summary** screen.
3. Select the **Diagnostic Imaging** record to update.
4. Click **View/Update Lab Report** button

Requisitions

Test Category:

Test Name::

Chest x-ray

Result Name:

Requisition Date:

yyyy

mm

dd

- to -

yyyy

mm

dd

Report Date:

yyyy

mm

dd

- to -

yyyy

mm

dd

Requisition Status:

Excluded

Withdrawn

Add >

< Remove

Included

Complete

Draft

Partial

Reported

Submitted

Result Status:

Test Status:

Accession Number:

Display

3 Total Requisitions, 3 Total Tests, 2 Total Results found

Requisition Type

Human

Create Requisition

Row Actions:

View/Update Requisition

View/Update Lab Report

\* Flag indicates sensitivities present

		Specimen Collection / Imaging Date	Specimen Type / Description	Result Name	Interpreted Result: Result	Flag	Accession No.	Etiologic Agent	Epi Markers	Result Status
<input checked="" type="checkbox"/>	+	2018 Jun 26		Chest x-ray	Abnormal;			-		Final
<input type="checkbox"/>	+	2018 Jun 5		Chest x-ray	Abnormal;			-		Final
<input type="checkbox"/>	+			Reported: Chest x-ray				-		

Total: 3

Page 1 of 1

Jump to page:

Select All

Deselect All

The Diagnostic Image Report screen is displayed.

- Update the Lab Report Data if applicable.
- Click **Save** button.

**Investigation ID:**  
135

**Status:**  
OPEN

**Disposition:**  
Pending

**Investigator:**  
[Erin McClarty](#)

[Investigation](#)

**Disease:**  
Tuberculosis

**PHAC Date/Type:**  
2018 Jun 11 / Date Reported

**Etiologic Agent:**  
Mycobacterium tuberculosis complex

**Authority/Classification:**  
National / Case - Person Under Investigation / 2018 Jun 16

☐ Override Duplication

**Reason for Deletion:**  

▼
Delete

**Lab Reports for Requisition:**  

▼
Display

Save
Reset
Cancel

**Report Details**
⤴ Hide Report Details

\* Required field

**Requisition Date:** [2018 Jun 26](#)

**Lab Report Type:** Manual

**Lab Report ID:** 17

**\* PH Received Date:**

2018

06

27

/

yy

mm

dd

⌄

**Accession Number:**

**\* Resulting Lab:**

☒ Use Favourite Location: 

▼
Halifax PHO

☐ Use Another Location:  
To specify a Service Delivery Location, first click on the 'Find' button. Then search, or type the name of the Service Delivery Location you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Service Delivery Location: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 3 Location]
Find

**Comments**

**Comment:**

Add

(4000 characters remaining)

Date	Comments	Recorded By

7. Click the **Test ID** hyperlink in the Selected Tests section to reveal the Result Details section.

**Selected Tests**
⤴ Hide Selected Tests

**Requisition Tests:** 
▼
Add to Report

**Row Actions:** Delete Test

**Subject Investigations:** 
▼
Link to Investigation

**Pertinent Investigations:** 
▼
Unlink from Investigation

	Test ID	Test Name	Interpreted Result	Disposition	Physician Recommendation	Views	Imaging Date/Time	Pertinent Investigations	Encounter Group
○	<div style="border: 2px solid red; padding: 2px;">20</div>	Chest x-ray	Abnormal			Chest x-ray	2018 Jun 26		Tuberculosis Disease Investigation

**Reason for Deletion:**

▼
Delete

Save
Reset
Cancel



8. Select the radio button for the **Result ID** to update.
9. Click **View/Update** button.

Row Actions: **View/Update** Create Investigation

Result Label:  Print Label

Reason for Deletion:  Delete

Pertinent Investigations:  Disease Event: - Update Disease Event

Investigator Organization: *To specify an Organization, first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority] Find

Workgroup:  Investigator:

Notify Investigator Comments:

(4000 characters) Notify Investigator

	Result ID	Result Name	Interpreted Result	Result Date	Result Status	Physician Recommendation
<input checked="" type="radio"/>	16	Chest x-ray	Abnormal	2018 Jun 27	Final	

10. Make changes to the Result details in the Result Details section of the screen.
11. Click **Apply Update** button.
12. Click **Save** button.

Result Details

Hide Result Details

\* Required field

Test:

20 - Chest x-ray

Test Category:

Diagnostic Imaging

Disposition:

\* Imaging Date/Time:

2018

06

26

yyyy

mm

dd

hh

mm

Filing Reference Type:

SHARE

Filing Reference:

some file reference goes here.

New Filing Reference:

Radiologist Report

Radiologist:

Use this Provider:

Click Find to select a provider:

Provider:

Find

Use Other Provider:

\* Result Status:

Final

\* Result Date:

2018

06

27

yyyy

mm

dd

\* Interpreted Result:

Abnormal

Result ID:

16

Site of Abnormality:

Bilateral

Abnormality Details:

☒
Cavitary - Left
added data

☐
Cavitary - Right

☐
Non-cavitary - Left

☒
Non-Cavitary - Right
added data

Radiologist Analysis:

(4000 characters)

Physician Recommendations

Physician:

Use this Provider:

Click Find to select a provider:

Provider:

Find

Use Other Provider:

Physician Recommendation:

Recommendation Date:

yyyy

mm

dd

Physician Analysis:

(4000 characters)

Repeat Test in:

months

☐
Override Duplication

The system responds with a message that record has been saved.

## 7 MOVE A LAB OR DIAGNOSTIC IMAGE TO AN INVESTIGATION

If a lab or diagnostic image report was not created with an investigation in context it can be moved to the investigation from the subject summary screen.

This is done by moving the automatically generated lab encounter. When the user indicates to move an encounter, the system moves the encounter and all associated data to the investigation.

**Note:** The lab report must have initially been created with the **same** encounter group as the investigation to which it will be moved.

**Note:** Once an encounter is moved to an investigation, it cannot be removed from an investigation, but may be moved to another open investigation.

**Note:** Both Diagnostic Image reports and Lab reports generate lab encounters.



**Tip:** A lab can be moved from one investigation to another within a single encounter group.

## 8 NON-HUMAN LAB

All lab related features can be performed against a Non-Human subject. The same steps as detailed in other sections are used to complete the work.

The section below summarizes those steps and identifies the differences in the lab related screens when a Non-Human subject is in context.

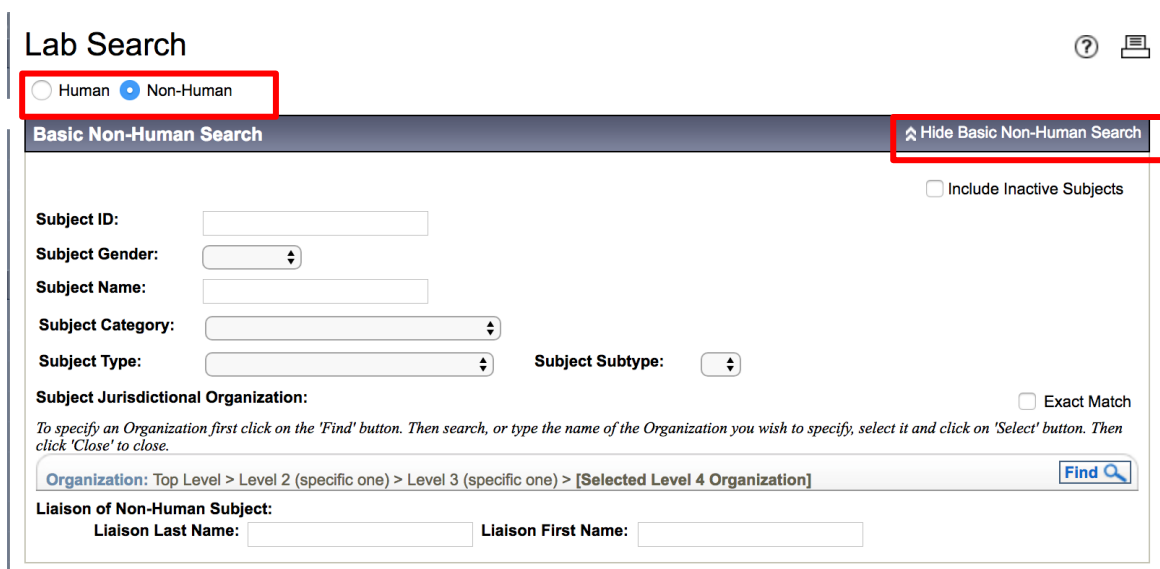
### 8.1 Lab Search

It is possible to limit lab searches to those conducted against non-human subjects. A more detailed description steps to perform a lab search can be referenced in [Lab Search](#).

1. Select **Investigation -> Search-> Search Lab** from the Left-Hand Navigation menu.

The **Lab Search** screen is displayed.

2. At the top of the **Lab Search** screen, select **Non-Human** radio button.
3. The basic search criteria for a selected type of subject will be displayed.
4. View other types of searches using the Advanced Search hyperlink or the Basic Search section of the screen.
5. Enter the desired search criteria.
6. Click **Search** button.



**Lab Search** ? 🖨

☐ Human ☒ Non-Human

**Basic Non-Human Search** ⬆ Hide Basic Non-Human Search

☐ Include Inactive Subjects

Subject ID:

Subject Gender:

Subject Name:

Subject Category:

Subject Type:  Subject Subtype:

Subject Jurisdictional Organization:  ☐ Exact Match

To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.

Organization: Top Level > Level 2 (specific one) > Level 3 (specific one) > [Selected Level 4 Organization] Find 🔍

**Liaison of Non-Human Subject:**

Liaison Last Name:  Liaison First Name:

The matching tests will be displayed in the Search Results section.

7. Select the desired **Test Result** from the screen.
8. Click **Preview** button.

A summary of the test and result, if any, will be displayed in the **Test Results Preview** section, immediately above the **Search Results** section

## 8.2 Non-Human Lab Quick Entry

---

The Non-Human Lab Quick Entry screen displays additional fields to allow users to describe the location of setting of where the sample was collected.

A more detailed description can be referenced in [Lab Quick Entry](#)

**Note:**

- A non-human subject and encounter or investigation **must be** in context before accessing this screen and viewing the additional fields.

1. Select **Investigation -> Lab -> Lab Quick Entry** from the Left-Hand Navigation menu.

The **Lab Quick Entry** screen is displayed.

2. Enter the following information related to the lab test result: **Encounter Group**, **Service Delivery Location**, **Resulting Lab**, **Ordering Provider**, **PH Received Date** and **Lab Report Date/Time**.
3. In either the **Test Name** or **Result Name** type ahead, begin to type the desired test or result name. Select the correct name by clicking it.



**Tip:** Enter “non” in the test name type ahead to reveal then Non-Human test name and access the results configured to enter Non-Human test results.

4. Click **Select Test/Result** button.

**Quick Entry Tests/Results**

Tests/Results Actions:

---

\* Test Name:

\* Result Name:

The user will be presented with a selection of new fields related to the result such as Specimen, Result Status, Interpreted Result etc.

5. Select **Setting type** and **Setting**.
6. Enter **Specimen Description** and **Collection Date/Time**.
7. Enter **Result Name**, **Result Status**, **Result Date** and optional result data.

**Quick Entry Tests/Results**

Tests/Results Actions:

---

\* Test Name: Non-human Testing

Specimen Type:

Specimen Site:

Setting Type:

Setting:

Setting Description:

Specimen Description:

Collection Date/Time:  /  /    :



**Tip:** It is possible to enter multiple test and results while using the Lab Quick Entry Screen.

8. To generate a work management task select **Investigator Organization**, **Workgroup** and optionally **Investigator**.

9. Click **Save** button.

The system navigates the user to the lab report screen.

The lab requisition, lab report and result will be automatically generated and associated with the Non-Human subject and investigation (if in context).

If a Workgroup or Investigator were selected, a task is generated for the specified workgroup or individual.

## 9 WORKING WITH ETIOLOGICAL AGENTS AND EPI MARKERS

The purpose of this section is to focus on how existing lab results would be updated or amended with additional lab information regarding etiological agents and/or epi markers.

### 9.1 Basic Workflow

1. Conduct a search for the lab to be updated or added to. See [Lab Search](#) for detailed instructions.
2. Select the target lab and click **View/Update Report** button.

Search Results <span>Hide Search Results</span>									
5 Total Requisitions , 5 Total Tests, 5 results found.									
Row Actions: <a href="#">Preview</a> <a href="#">View Client</a> <a href="#">New Search</a>									
<a href="#">View/Update Requisition</a> <a href="#">View/Update Report</a>									
	Client Name	Requisition ID	Requisition Date	Test - Result Name	Interpreted Result; Result	Test Status	Result Date	Result Status	Report Date
<input checked="" type="radio"/>	EKM Demo, Sprint 7	68	2018 Aug 27	Culture - Presence or Identity	-	Partial	2018 Aug 27	Preliminary	2018 Aug 27
<input type="radio"/>	EKM Demo, Sprint 7	46	2018 Jul 28	Culture - Presence or Identity	Indeterminate;	Partial	2018 Jul 30	Preliminary	2018 Jul 30
<input type="radio"/>	Lavendar, Pat	34	2018 Jul 13	Culture - Presence or Identity	Positive;	Complete	2018 Jul 13	Final	-
<input type="radio"/>	LMTEST1, LMTEST1	52	2018 Jul 2	Culture - Presence or Identity	Positive;	Complete	2018 Aug 9	Final	-
<input type="radio"/>	LMTEST1, LMTEST1	48	2018 Aug 7	Culture - Presence or Identity	Positive;	Complete	2018 Aug 7	Final	-
Total: 5 <span>Page 1 of 1</span> <span>Jump to page: <input type="text"/></span>									

The Human Lab Report screen is displayed

3. Click the **Test ID hyperlink** in the Selected Tests section to reveal the Result Details section.



Selected Tests

⬆ Hide Selected Tests

Requisition Tests: ⬇

Add to Report

Set All Negative

Row Actions:

Delete Test

Set to Cannot Report

Subject Investigations: ⬇

Link to Investigation

Pertinent Investigations: ⬇

Unlink from Investigation

Test Annotations:

(4000 characters)

Update Annotations

	Test ID	Resulted	Test Name	Specimen	Collection Date	Pertinent Investigations	Test Annotations	Encounter Group
<input type="radio"/>	68	✓	Culture	Stool	2018 Aug 27			Communicable Disease Investigation

Reason for Deletion:

⬇

Delete

Save

Reset

Cancel

## 9.2 Add Results

1. Enter the result information in the Result Details section including the **Etiological Agent** and **Epi Marker** fields as applicable.
2. Click **Add** button.
3. Click **Save** button.

Result Details

Hide Result Details

\* Required field

Test:

68 - Culture

Specimen Type / Site:

Stool

\* Result Name:

Presence or Identity

\* Result Status:

Final

Interpreted Result:

Positive

Result Value:

Result Units:

Test Category:

Microbiology

Collection Date:

2018 / 08 / 27

yyyy mm dd

hh mm

Sample ID:

\* Result Date:

2018 / 08 / 27

yyyy mm dd

Result ID:

-

Description:

(4000 characters)

Etiologic Agent

Encounter Group:

Communicable Disease Investigation

Disease:

Salmonellosis

Microorganism:

Salmonella

Serotype:

Enteritidis

Group:

NML No.:

Serotype (specify):

wgMLST Cluster Code:

☐ Override Duplication
 

Add

Clear

The new result will be added to the list of results for the test.

## 9.3 Update Results

1. Select the radio button for the **Result ID** to update.
2. Click **View/Update** button.

☐ Override Duplication |  |

---

Row  
Actions:

Reason for Deletion:

Pertinent Investigations:

Investigator  
Organization

*To specify an Organization first click on the 'Find' button. Then search, or type the name of the Organization you wish to specify, select it and click on 'Select' button. Then click 'Close' to close.*

Organization: Panorama Cloud > Province of Nova Scotia > Department of Health and Wellness > [Nova Scotia Health Authority]

Workgroup:
Investigator:

Notify Investigator Comments:

(4000 characters)

Reason for Deletion:

3. Make changes to the Result details in the Result Details section of the screen. Specifically to the **Etiological Agent** and **Epi Marker** fields as applicable.
4. Click **Apply Update** button.
5. Click **Save** button.

Result Details

[^ Hide Result Details](#)

\* Required field

Test:

68 - Culture

Specimen Type / Site:

Stool

\* Result Name:

Presence or Identity

\* Result Status:

Preliminary

Interpreted Result:

Result Value:

Result Units:

Test Category:

Microbiology

Collection Date:

2018 / 08 / 27

yyyy

mm

dd

hh

mm

Sample ID:

\* Result Date:

2018 / 08 / 27

yyyy

mm

dd

Result ID:

63

Description:

(4000 characters)

Etiologic Agent

Encounter Group:

Communicable Disease Investigation

Disease:

Salmonellosis

Microorganism:

Salmonella

Serotype:

Enteritidis

Group:

NML No.:

Serotype (specify):

wgMLST Cluster Code:

☐ Override Duplication
 

Apply Update

Clear

The result will be updated with additional details.