



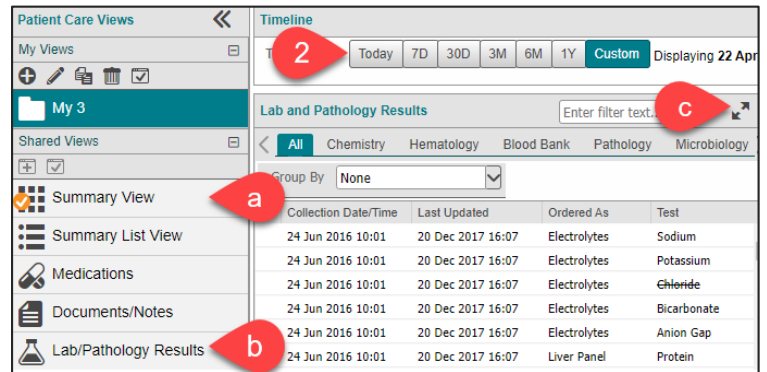


The Lab and Pathology Results portlet displays consolidated diagnostic laboratory tests from the Ontario Laboratories Information System (OLIS) for patients with an Ontario Health Number.

Viewing Information about Lab and Pathology Results

- In the Patient Care Views navigation bar:
 - Select **Summary View**  to view the condensed **Lab and Pathology Results portlet**
 - Select **Lab and Pathology Results**  or **Summary List view**  to display the full-sized portlet, OR
 - In the Lab and Pathology portlet, select **Portlet Expander**  to display the near full-size portlet
- As needed, change the timeline to view results: select **Today, 7D, 30D, 3M, 6M, 1Y** or **Custom** (this changes the timeline for all portlets)

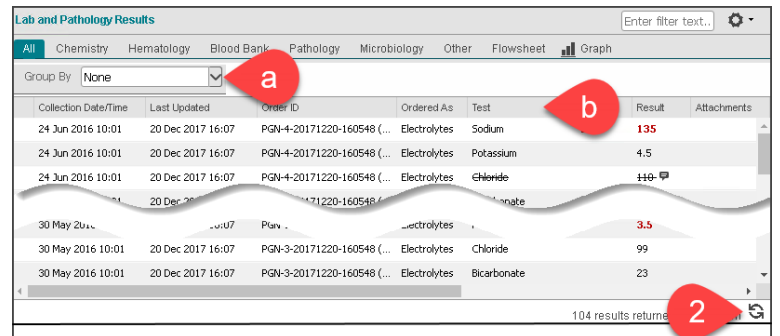


Sorting and Filtering Lab and Pathology Data

By default, the information in all tabs is listed by Collection Date and Time

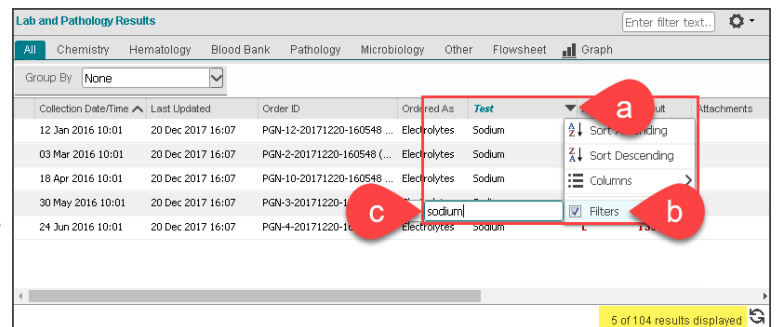
- To temporarily change the sort order:
 - Select an option from the **Group By** field, OR
 - Select a **column header** to sort by that column

Note: It is not possible to sort on test results in the Flowsheet tab
- To revert to the default sort order: select **Refresh**.
Note: This resets the **Group By** field to **None** and refreshes the retrieved data in the portlet

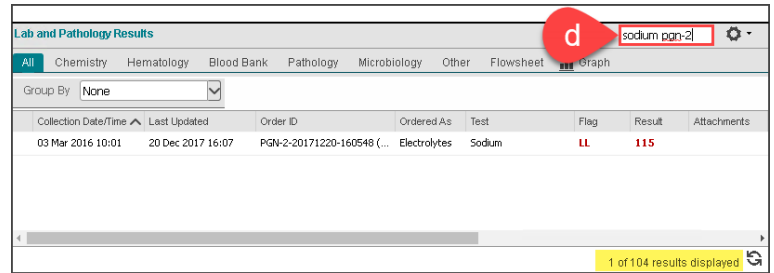


- To filter information:
 - Hover over a column header to display a **Down Arrow** ▼; select the arrow to display the menu
 - Hover over **Filters**
 - Select the filter and begin typing the filter value.
When the Filters checkbox is selected, the filter is applied as you type

OR



- d) In the **Portlet Filter** box, enter the information to filter by. To filter on more than one column, separate the entries with a space
- e) To clear the filter, delete the entry in the **Portlet Filter** box



Notes:

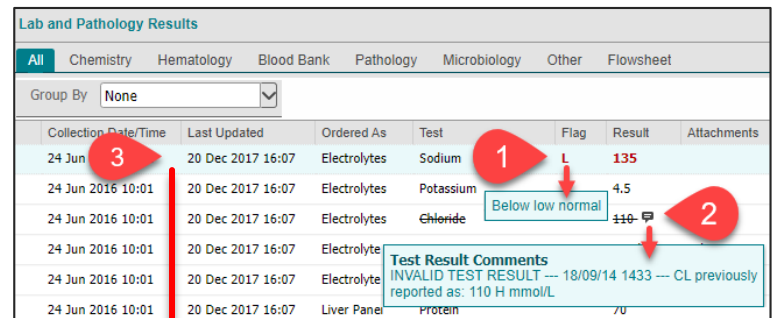
- Portlet filtering works only on the content displayed in the portlet
- Portlet filtering can be combined with column filters

Viewing Details about Lab and Pathology Results

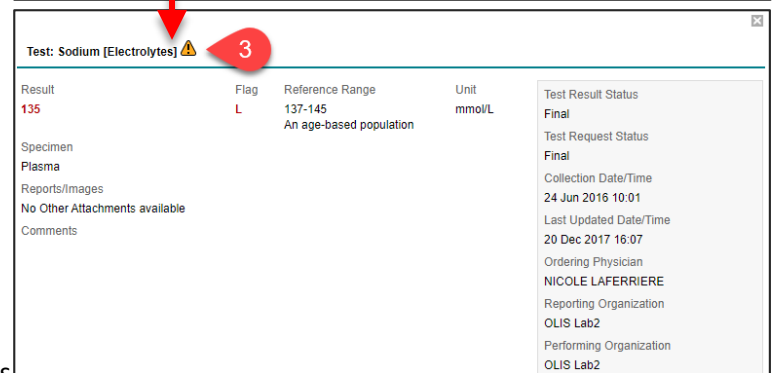
Visual indicators highlight results of interest and indicate where additional information is available.

1. Flags display in red font. Hover over a flag to view its description

Flag	Description
	Abnormal result within a test request or grouping
L	Below low normal
H	Above high normal
LL	Below lower panic limits
HH	Above upper panic limits
A	Abnormal (applies to non-numeric results)
AA	Very abnormal (applies to non-numeric units; analogous to panic limits for numeric units)






2. Hover over **Comment** to see Test Result Comments
3. Select a row to see the full information about the result in **Details View**, located below the lab results table



Viewing the OLIS Full Report

The OLIS Full Report contains all test requests and test results placed in the order (i.e., the report is not specific to a single request or result)

1. In the Patient Care Views navigation bar, select **Lab/Pathology Results** to view the full size / individual portlet or select the portlet's **Expander** icon
 2. Select **OLIS Full Report** to view the report for the selected result
 3. Navigate through the report using the scroll bar inside the content pane
 4. Select **Print Current Tab** to print the full report
- Tip:** It is also possible to print as a PDF and save the file
5. Select **Close** or **X** to close the report window

Flag	Result	Attachments	Reference Range	Units	Test Result Status	Specimen	OLIS Full Report
L	135		137-145	mmol/L	Final	Plasma	
	4.5		3.6-5.0	mmol/L	Final	Plasma	
±±			98-107	mmol/L	Invalid	Plasma	

View Lab and Pathology Results - Google Chrome
portal.training.connectinggta.ca/ProviderPortal/viewer/index.jsp

COTE-NORD, YULIA DOB: 01 Jan 1962 (58y) Female HCN: 5425414801 ConnectingOntario ClinicalViewer

Sodium
Test: Sodium Last Updated: 20 Dec 2017 16:07



OLIS Full Report

PATIENT: COTE-NORD, YULIA | ONTARIO HEALTH NUMBER: 5425 414 801

Ministry of Health and Long Term Care
Ontario Laboratories Information System (OLIS)

PATIENT	PROVIDER	REPORT DETAILS (Amended/Invalidation report)
Ontario Health Number 5425 414 801 Patient COTE-NORD, YULIA Sex Female Date of Birth 01 Jan 1962 Address 161 Claremonts St Toronto ON M6J 2M7 (Home)	Ordering Provider LAFERRIERE, NICOLE (MDL 73452)	Order Date 23 Jun 2016 Last Updated in OLIS 20 Dec 2017 16:07:39 EST Primary Performing Organization OLIS Lab2 (Lab 992) LAB01 Facility Address Line One Mississauga ON L4N 7P3 Primary Reporting Organization OLIS Lab2 (Lab 992) LAB01 Facility Address Line One

Privacy Disclaimer:
This information is confidential and may only be used by the patient or individual listed in the footer. If found, please return to the organization listed in the footer. Shred when no longer needed.
Generated from ConnectingOntario
User Id: cotrn316 Organization: University Health Network Date: 2020 10:54

Using Flowsheet and Graph Views

Flowsheet allows for trending results over time and displays a sub-set of test results in four panels: Hematology, General Chemistry, Lipid Profile, Liver Panel/Pancreas Panel

The screenshot shows the 'Lab and Pathology Results' interface in 'Flowsheet' view. Callout 1 points to the 'Flowsheet' tab in the navigation bar. Callout 2 points to a tooltip for 'Platelets; Blood' showing a result of 89. Callout 3 points to a result value of 70. Callout 4 points to a result value of 110. Callout 5 points to a horizontal scroll bar. Callout 6 points to a vertical scroll bar. Callout 7 points to a 'Graph' icon in the top left.

Test	24 Jun 2016 10:01	30 May 2016 10:01	22 Apr 2016 10:01	20 Apr 2016 10:01	18 Apr 2016 1
Hematology					
Hemoglobin			70 * L		
Leukocytes			16.3 * H		
Platelets			89 * L		
MCV					
Hematocrit					
Neutrophils					
Lymphocytes					
Monocytes					
Eosinophils					
Basophils					
General Chemistry					
Sodium	135 * L	150			130
Potassium	4.5		3.5 * L		3.7 * L
Chloride	110	99			105
Bicarbonate	24	23			31
Urea					

The screenshot shows the 'Details View' for the test 'Hemoglobin; Blood [Complete Blood Count]'. Callout 3 points to the test name.

Result	Flag	Reference Range	Unit	Test Result Status
70	L	115-160 An age-based population	g/L	Final
Specimen				Test Request Status
Blood venous				Final
Reports/Images				Collection Date/Time
				22 Apr 2016 10:01

1. In the navigation bar, select **Lab/Pathology Results** to view the full-size/individual portlet or select the portlet's **Expander** icon; select the **Flowsheet** tab
2. Hover over a result value to see additional information in a tooltip
3. Select a result value to see the full information about the result in **Details View**
4. Hover over **Comments** to see Test Result Comments
5. View results for other dates using the horizontal scroll bar
6. View results from other panels using the vertical scroll bar
7. Scroll down to **Details View** using the outside vertical scroll bar

Note: Printing is not available from the **Flowsheet** or **Graph** tabs

Tip: The mouse scroll wheel or keyboard arrow keys can also be used to navigate between the views

The results displayed on the **Flowsheet** tab can be viewed as a line or bar graph. Abnormal results are indicated with a red data point. Normal results are black.

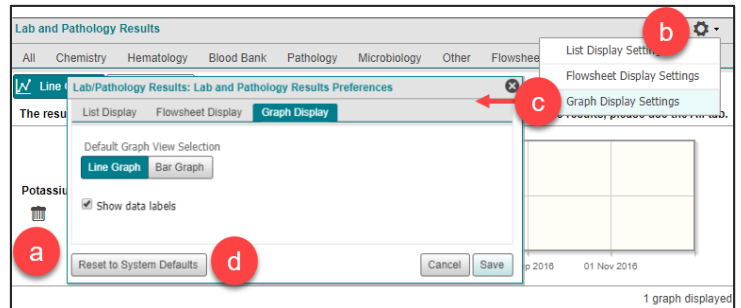
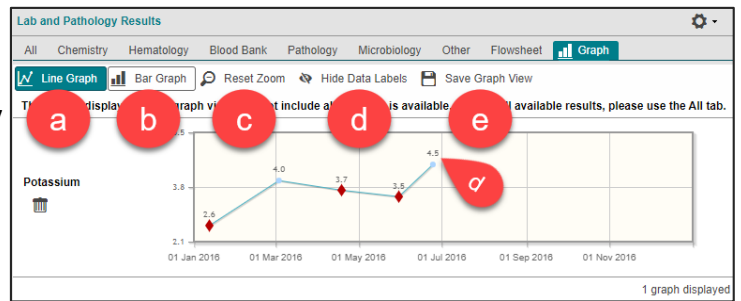
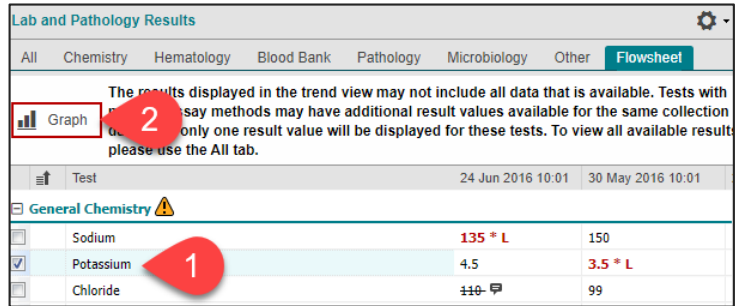
To display a graph for one or more lab results:

1. Select one or more of the displayed test result names
2. Select **Graph**
3. From the Graph tab, choose display options:
 - a) Display the results as a line graph
 - b) Display the results as a bar graph
 - c) Zoom in on particular results by dragging a rectangle around them. Reset to the default view by selecting **Reset Zoom**
 - d) **Hide or Show** the data labels
 - e) **Save the Graph View** to store the selected test types for any viewed patient (graph data will always display according to the selected date range on the timeline)

Note: Data labels may not appear for every point if they are close together and there is no significant change. Hover over a data point to see the details for the test (e.g., units of measure, reference range)

Tips:

- a) To clear a graph from a saved Graph View, select **Remove Graph** then select **Save Graph View** to save this change
- b) To clear all graphs from a saved Graph view, from **Preferences**
- c) Select **Graph Display Settings**
- d) Select **Reset to System Defaults**



Flowsheet Panels

The flowsheet/trend view displays a sub-set of lab results that are the most commonly ordered lab tests. Results are grouped into four panels: Hematology, General Chemistry, Liver Panel/Pancreas Panel and Lipid Profile.

Hematology	General Chemistry		Liver Panel/Pancreas Panel	Lipid Profile
<ul style="list-style-type: none"> • Hemoglobin • Leukocytes • Platelets • MCV • Hematocrit • Neutrophils • Lymphocytes • Monocytes • Eosinophils • Basophils • Reticulocytes • INR • aPTT • ESR 	<ul style="list-style-type: none"> • Sodium • Potassium • Chloride • Bicarbonate • Urea • Creatinine • eGFR • Glucose • HbA1c • Magnesium • Calcium 	<ul style="list-style-type: none"> • Phosphate • TSH • Thyroxine, Free • Triiodothyronine, Free • Vitamin B12 • Ferritin • Creatine Kinase • HCG • bHCG • Albumin: Creatinine; Urine 	<ul style="list-style-type: none"> • Aspartate • Aminotransferase (AST) • Alanine Aminotransferase (ALT) • Alkaline Phosphatase (ALP) • Albumin • Bilirubin Total • Bilirubin Glucuronidated • Bilirubin Glucuronidated + Bilirubin Albumin Bound • Amylase • Triacylglycerol Lipase • Lipoprotein Lipase 	<ul style="list-style-type: none"> • Cholesterol • HDL Cholesterol • Cholesterol Non HDL • Cholesterol/Cholesterol in HDL Ratio • LDL Cholesterol • Triglyceride • CRP

Specimen Source Grouping

Results that have comparable specimen sources are grouped together as outlined in the table below. Only results with the outlined specimen sources display in the flowsheet.

Specimen Group Name	Specimen Sources			
Blood Test Results Specimen	<ul style="list-style-type: none"> • Whole blood • Blood venous • Line arterial 	<ul style="list-style-type: none"> • Line venous • Cord blood arterial • Cord blood venous 	<ul style="list-style-type: none"> • Plasma • Platelet poor plasma 	<ul style="list-style-type: none"> • Serum • Serum/plasma
Blood Test Result Capillary Specimen	<ul style="list-style-type: none"> • Blood capillary 			
Urine Test Results Specimen	<ul style="list-style-type: none"> • Urine 	<ul style="list-style-type: none"> • Urine clean catch 	<ul style="list-style-type: none"> • Urine sediment 	<ul style="list-style-type: none"> • Urine catheter

Examples:

- Hemoglobin, as it appears in the flowsheet, is a grouping or trend of all blood hemoglobin results
- Hemoglobin, Capillary is trended separately from other Hemoglobin results because the specimen source is different

Notes about OLIS information:

1. Ontario Health Number is the primary patient identifier used by the ClinicalViewer to match the patient to their results stored in OLIS
 - a) This may result in data being missing from the ClinicalViewer as:
 - smaller labs may report results using their own local identifiers instead of an Ontario Health Number
 - patients may only have federal health identifications (e.g. military personnel)
2. OLIS does not contain all lab results that may have been completed for a patient or client
 - a) Further information can be obtained from the [Data Summary, Lab and Pathology Results Tab, Notes](#) section