

Graphing Pathology Results

Use the Result Graphing function in CareSync Exchange to quickly identify pathology trends and support timely clinical decisions.

- Visualise pathology trends over time.
- Adjust timeline and display parameters.
- Select plotted results for detailed review.

[Accessing a Graph from Category View](#)

Open a pathology graph directly from Category View to visualise an individual result over time.

[Accessing a Graph from Lab Results History](#)

Launch a graph from Lab Results History to review result trends from the patient's full pathology record.

[Refine the Timeline with Filters or Specific Dates](#)

Use the filter menu to adjust the date range and focus on the most clinically relevant timeframe.

[Viewing Result Details](#)

Select a plotted data point to view the exact result value, collection details, and related information.

[Understanding the Question Mark Indicator](#)

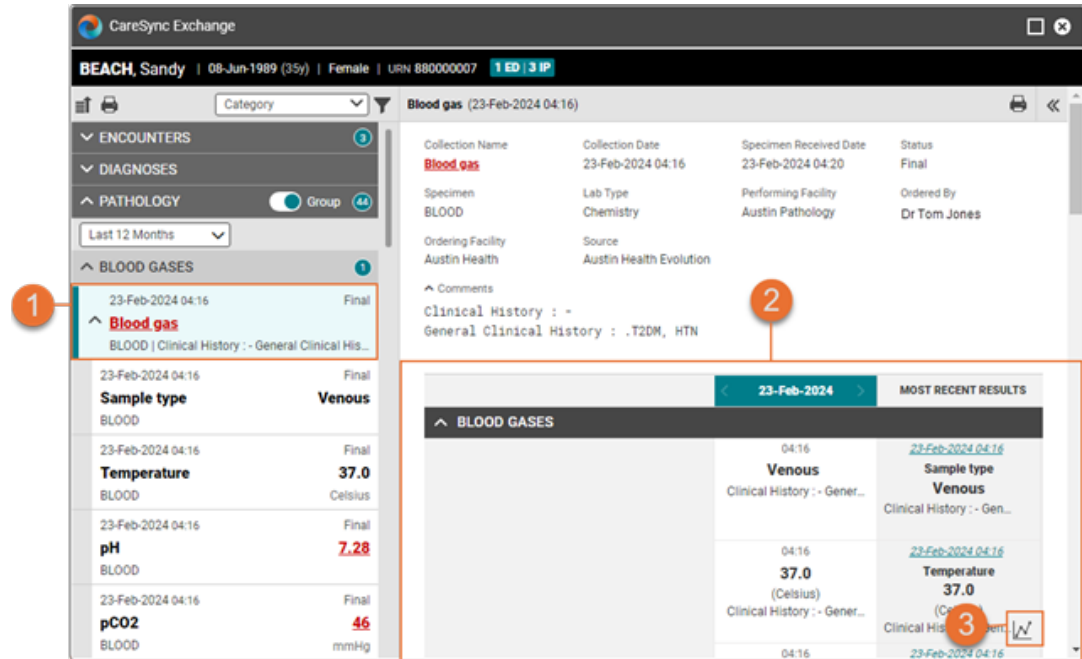
Learn what the question mark symbol means and how it affects interpretation of the displayed result trend.

[Viewing Multiple Results from the Same Day](#)

Review how multiple pathology results collected on the same day are displayed and interpreted on the graph.

Accessing a Graph from Category View

1. Expand the Pathology category and locate the relevant pathology card within the required subcategory.
2. Select the pathology card to open the Details window, where the Lab Results History grid is displayed.
3. If a graph icon is displayed next to the result, click it to open the graph window.
4. As this example contains only one pathology result, the image on the right shows how the graph appears when multiple results are available over time.



The screenshot shows the CareSync Exchange interface for a patient named BEACH, Sandy. The 'PATHOLOGY' category is expanded, and the 'Blood gas' result is selected. The details window shows the following information:

Collection Name	Collection Date	Specimen Received Date	Status
Blood gas	23-Feb-2024 04:16	23-Feb-2024 04:20	Final
Specimen	Lab Type	Performing Facility	Ordered By
BLOOD	Chemistry	Austin Pathology	Dr Tom Jones
Ordering Facility	Source		
Austin Health	Austin Health Evolution		

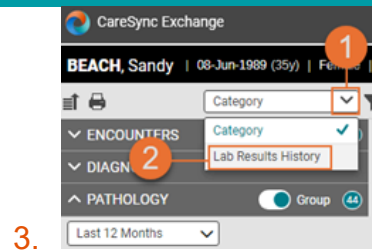
The 'Lab Results History' grid shows the following results:

Sample type	Temperature	pH	pCO2
VENOUS	37.0	7.28	46

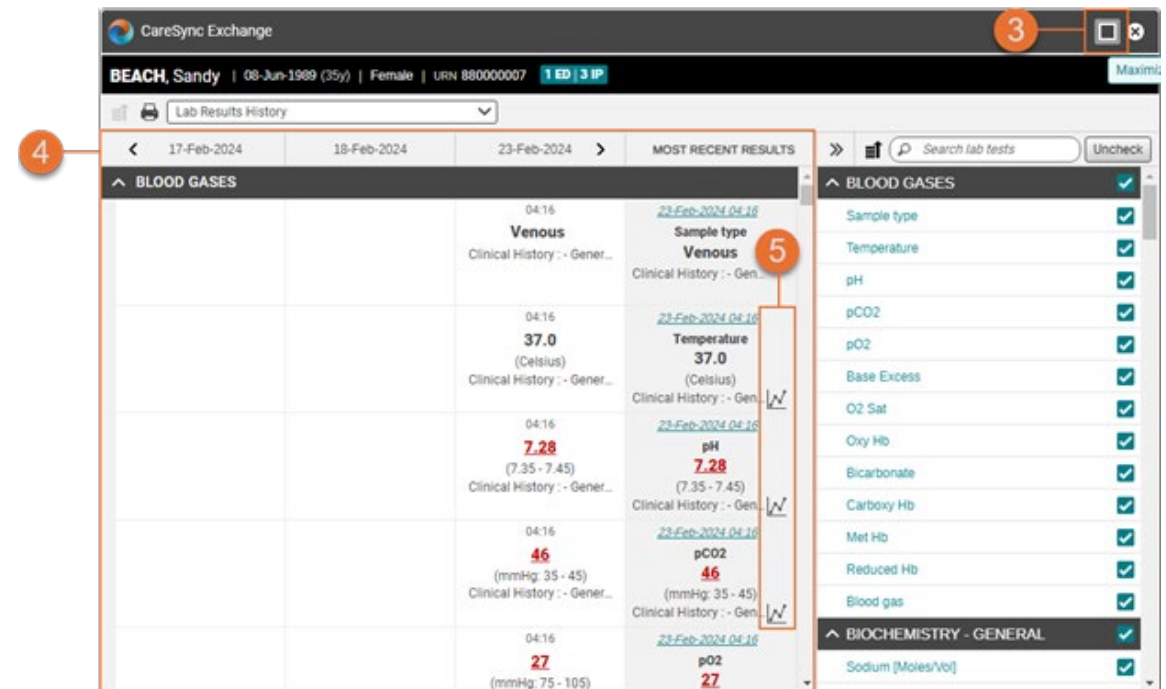


Accessing a Graph from Lab Results History


1. Click on the View selector.
2. Select Lab Results History.



3. Last 12 Months
4. With the Lab Results History view, you may find it useful to maximise the window to improve readability.
5. Within the view, the Lab Results History grid will be visible.
6. On the right side of the grid you will find the Most Recent Results column, displaying the latest pathology results.

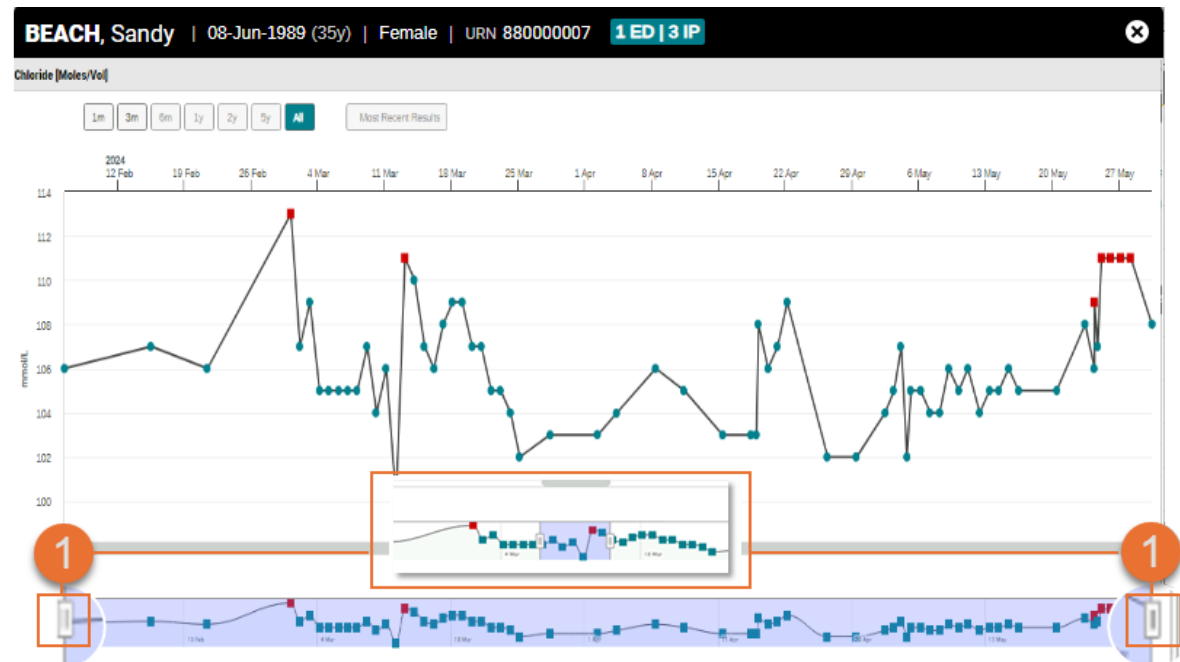
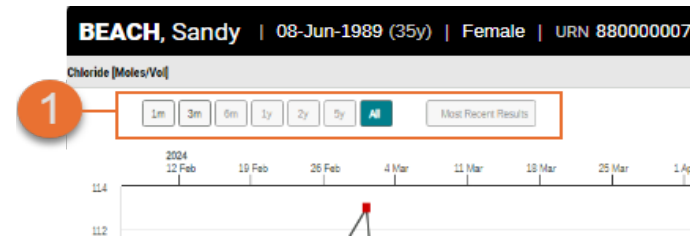


Where a result has a graph icon, click the icon and the graph will appear in a new window.

 The Lab Results History grid displays all lab results including results from your own health service.

Refine the Timeline with Filters or Select Specific Dates

1. Use the filter options at the top left of the chart to refine the date range, or drag the timeline sliders at the bottom to select specific dates

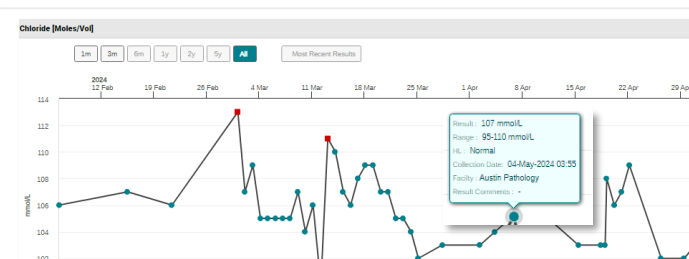


Viewing Result Details from the Graph

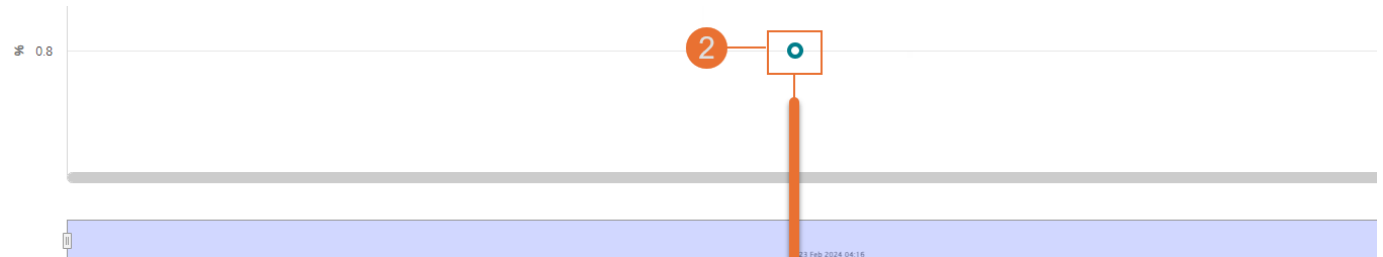
1. Hover your mouse over a data point on the graph.

Result : **38 %**
 Range : 95-100 %
 HL : **Low**
 Collection Date : 23-Feb-2024 04:16
 Facility : Austin Pathology
 Result Comments : -

1



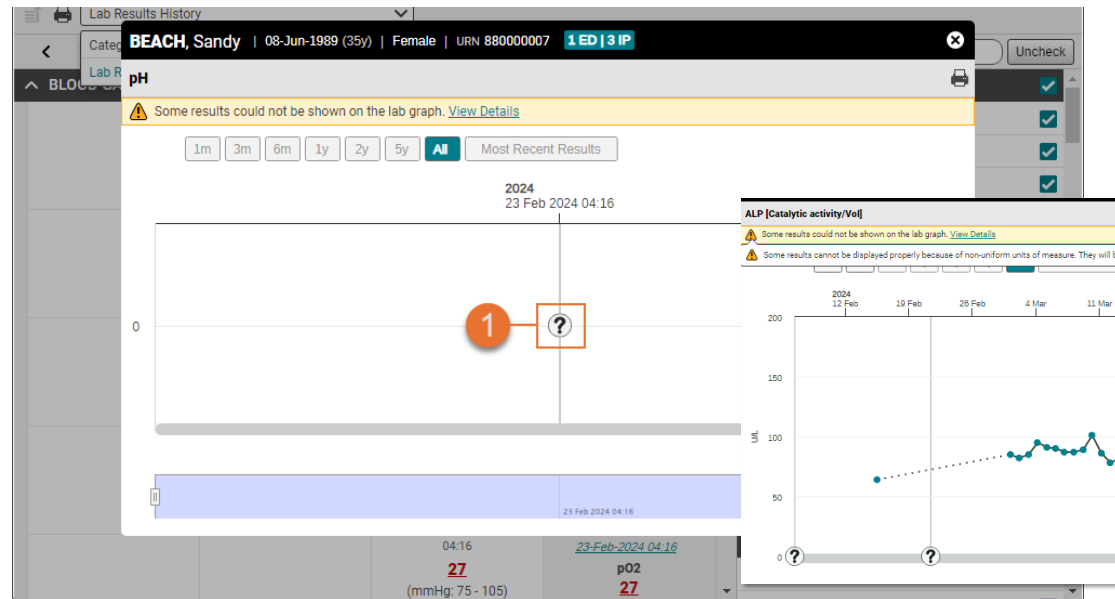
2. Click on the data point to reveal the details pane providing Collection and Result information.



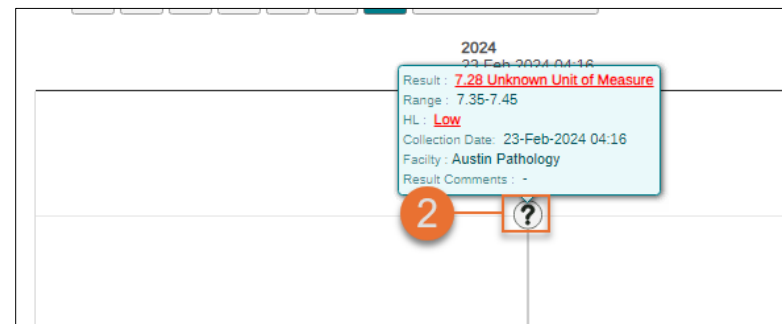
Collection			
Result			
Test Name	Status	Result Date	Result Value
Carboxy Hb	Final	23-Feb-2024 04:24	0.8 %
Interpretation	Range	Specimen	Result Facility
Normal	0.5 - 1.5	BLOOD	Austin Pathology
Source Delilah Centre			
Collection Comments			
Clinical History : -			
General Clinical History : .T2DM, HTN			

Understanding the Question Mark Indicator

1. CareSync Exchange graphs results using the most common Unit of Measure. Results with missing or different units display as a question mark.



2. Hover over the question mark to identify the result.




Viewing Multiple Results from the Same Day

1. The Lab Results History grid identifies when the same test occurs multiple times in one day, with a hyperlink showing the number of additional results.
2. Click the hyperlink to view the results
3. Go to the Most Recent Results column on the far right and click the graph icon for the test with multiple same-day results.
4. View details of all results collected on the one day.

19-Feb-2024	20-Feb-2024	22-Feb-2024	23-Feb-2024	MOST RECENT RESULTS
21:53 Mixed venous 16 additional results	17:02 Venous 6 additional results	22:50 Venous 1 additional result	04:16 Venous Clinical History: - General Clinic...	23-Feb-2024 04:16 Specimen drawn from Nom Venous Clinical History: - General CL...
09:15 35.7 (Celsius) 4 additional results		22:50 37.0 (Celsius) 1 additional result	04:16 37.0 (Celsius) Clinical History: - General Clinic...	23-Feb-2024 04:16 Temperature (Sem) ... 37.0 (Celsius) Clinical History: - General CL... 
21:53 7.34	17:02 7.30	22:50 7.29	04:16 7.28	23-Feb-2024 04:16 pH (Bld)

33.7 (Celsius)
4 additional results
06:00 30.1 (Celsius)
07:15 30.1 (Celsius)
06:25 37.0 (Celsius)
04:20 37.0 (Celsius)

MOST RECENT RESULTS
23-Feb-2024 04:16 Specimen drawn from Nom Venous Clinical History: - General CL...
23-Feb-2024 04:16 Temperature (Sem) ... 37.0 (Celsius) Clinical History: - General CL... 
23-Feb-2024 04:16 pH (Bld) 7.28

