

## Graphing Pathology results

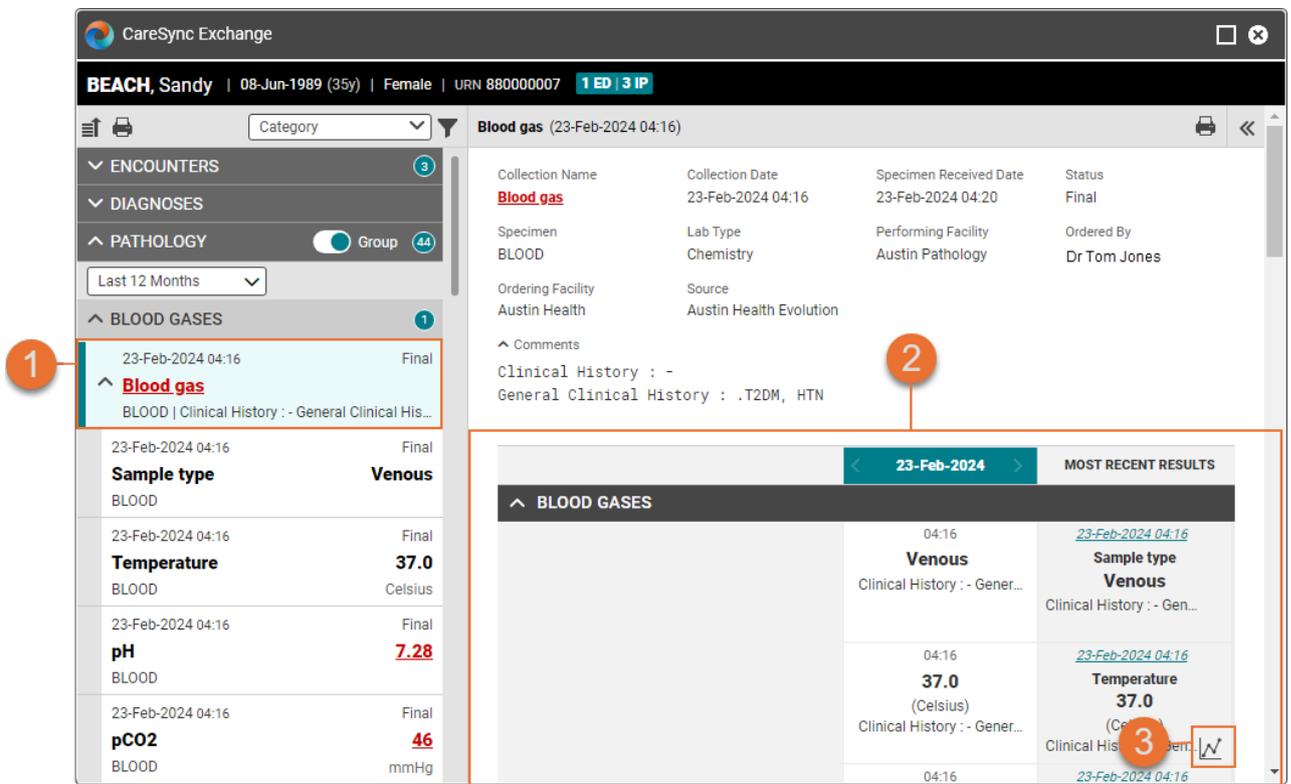
Pathology in CareSync Exchange provides you with a result graphing function.

With this feature, you can easily view a graph of individual results to see trends, change parameters and obtain more information on a plotted result.

- [How to access a graph in the Category view](#)
- [How to access a graph in the Lab Results History view](#)
- [How to change timeline for displayed pathology results using the Filter menu](#)
- [How to change timeline for displayed pathology results using the Timeline bar](#)
- [How to view pathology result details on the graph](#)
- [Why do I see a question mark on the graph](#)
- [Viewing Results graphed on the same day](#)

## How to access a graph using the Category view

- 1 Expand the **Pathology** category and within the subcategories select a **Pathology** card.
- 2 Selecting the Pathology card will open the Details window, which will contain the Lab Results History grid.
- 3 Where a result has a graph icon, click the icon and the graph window will appear.



The screenshot shows the CareSync Exchange interface for patient **BEACH, Sandy** (08-Jun-1989, 35y, Female, URN 880000007). The left sidebar shows the **PATHOLOGY** category expanded to **BLOOD GASES**, with a 'Blood gas' card selected (marked with a '1'). The main area displays the details for 'Blood gas (23-Feb-2024 04:16)', including collection name, date, specimen received date, status, specimen type (BLOOD), lab type (Chemistry), performing facility (Austin Pathology), and ordered by (Dr Tom Jones). Below this is a table of results for '23-Feb-2024 04:16' (marked with a '2'). The results table shows:

Sample type	Value	Unit	Status
BLOOD			Final
<b>Temperature</b>	<b>37.0</b>	Celsius	Final
<b>pH</b>	<b>7.28</b>		Final
<b>pCO2</b>	<b>46</b>	mmHg	Final

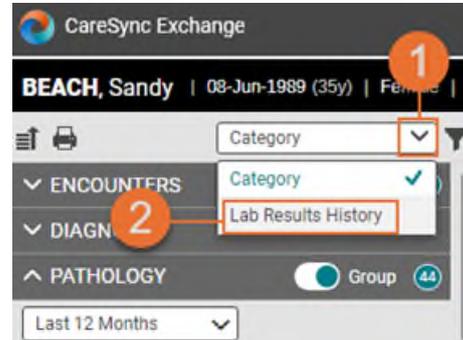
The detailed view also includes a 'MOST RECENT RESULTS' section for 'BLOOD GASES' with a grid of results. A graph icon (marked with a '3') is visible in the bottom right corner of the results grid, indicating that a graph can be generated for these results.

As there is only one pathology result in the example above, the example below demonstrates how the chart would appear where multiple results are plotted.



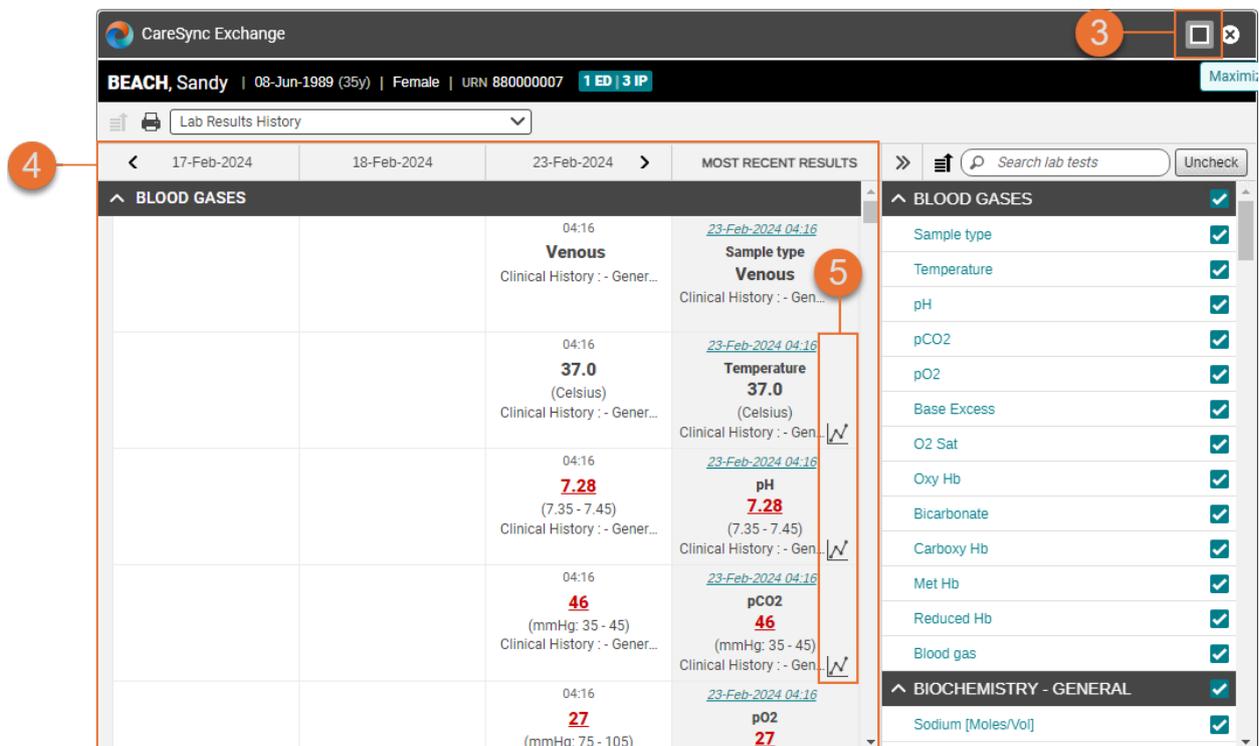
## How to access a graph using the Lab Results History view

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



- 3 With the Lab Results History view, you may find it useful for readability to maximise the window.
- 4 Within the view, the Lab Results History grid will be visible.
- 5 On 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.



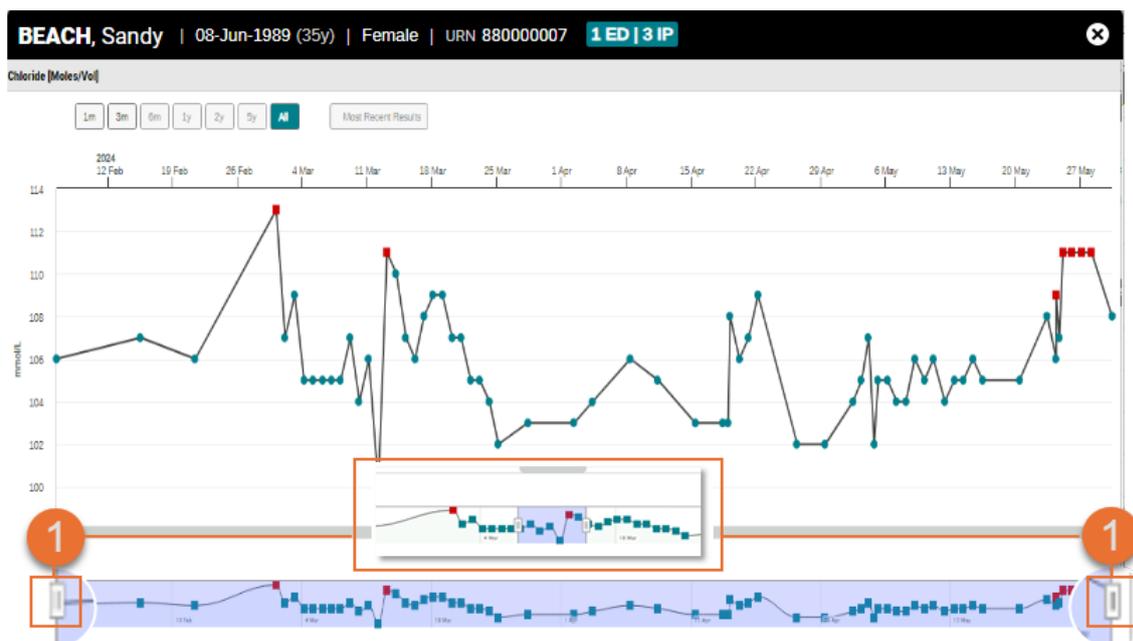
## How to change graph timeline using the Filter Menu

- 1 Click on options within the Filter Menu to refine your results search.



## How to change graph timeline using the Timeline Bar

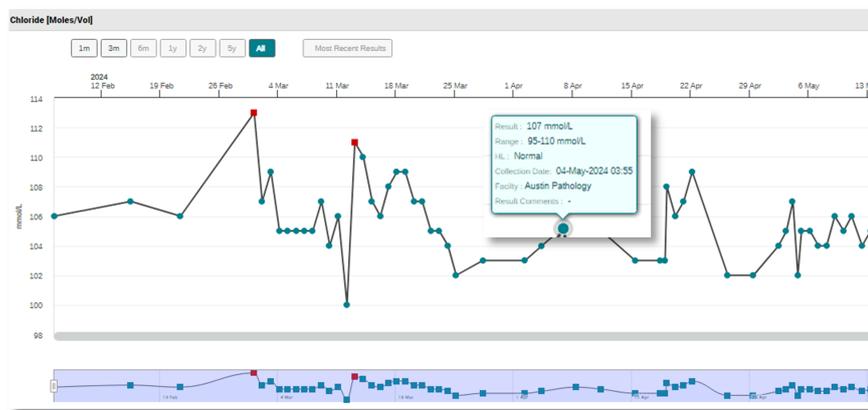
- 1 Drag the slider bars to a specific date range on the Timeline Bar to refine your search.



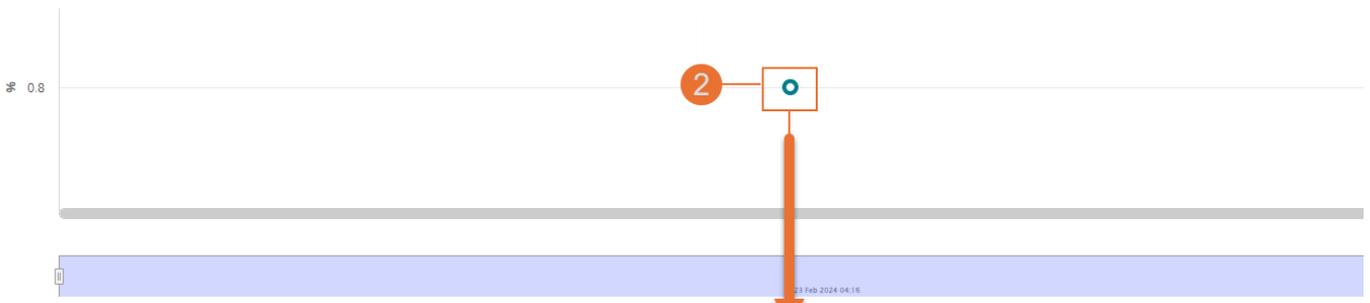
## How to view pathology result details on the graph

- 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: -



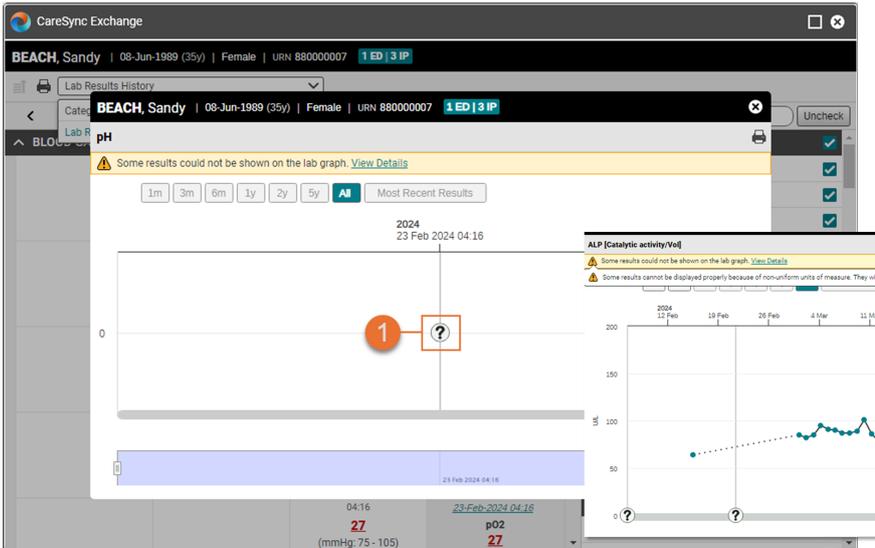
- 2 Click on the data point to reveal the details pane providing Collection and Result information.



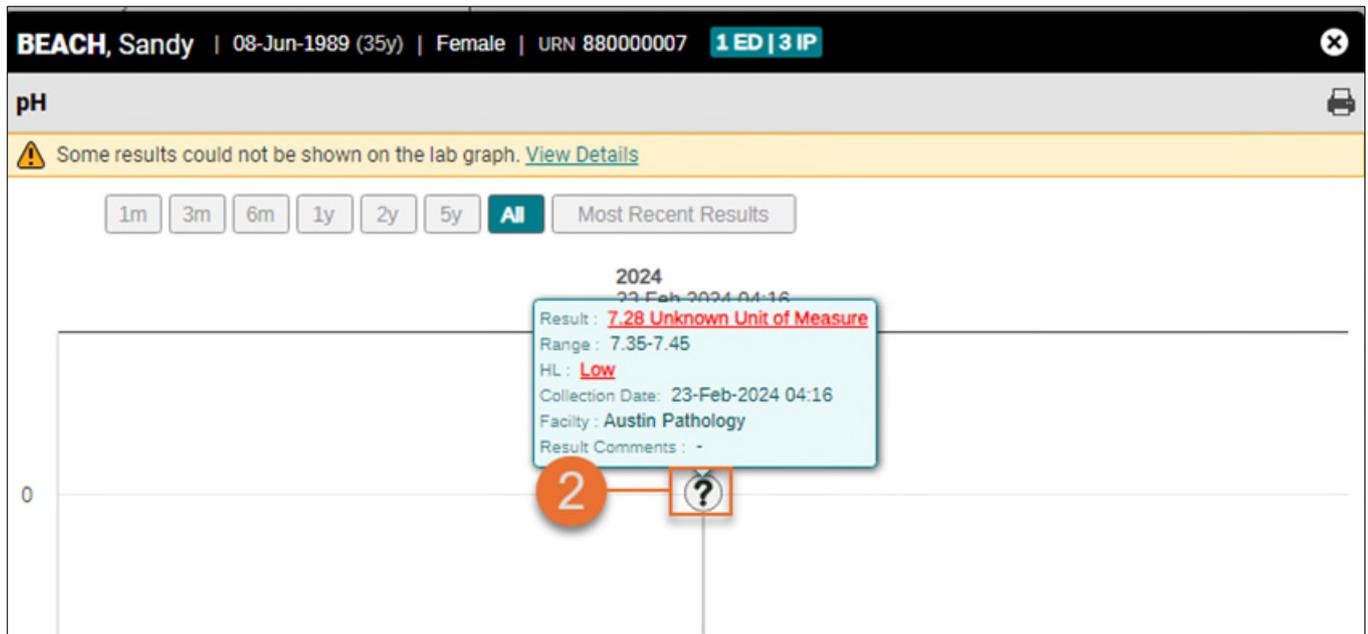
Collection		Result	
Test Name	Status	Result Date	Result Value
Carboxy Hb	Final	23-Feb-2024 04:24	0.8 %
Interpretation	Range	Specimen	Result Facility
Normal	0.5 - 1.5	BLOOD	Austin Pathology
Source	Collection Comments		
Delilah Centre	Clinical History : -		
General Clinical History : .T2DM, HTN			

## Why do I see a question mark on the graph?

- 1 CareSync Exchange will only graph the results of the majority Unit of Measure. Results with a missing or different Unit of Measure will display as a question mark on the graph.



- 2 For further information hover over the displayed question mark with your mouse and a useful popup box will appear.



## Graphing same day results

1 The Lab Results History grid will identify where multiple occurrences of the same test have occurred in one day. A hyperlink will be visible advising the number of additional results.

19-Feb-2024	20-Feb-2024	22-Feb-2024	23-Feb-2024	MOST RECENT RESULTS
21:53 Mixed venous	17:02 Venous	22:50 Venous	04:16 Venous	23-Feb-2024 04:16 Specimen drawn from Nom Venous
<a href="#">16 additional results</a>	<a href="#">6 additional results</a>	<a href="#">1 additional result</a>	Clinical History : - General Clinic...	Clinical History : - General CL...
09:13 35.7 (Celsius)		22:50 37.0 (Celsius)	04:16 37.0 (Celsius)	23-Feb-2024 04:16 Temperature (Sem) ... 37.0 (Celsius)
<a href="#">4 additional results</a>		<a href="#">1 additional result</a>	Clinical History : - General Clinic...	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)

2 Click the hyperlink to reveal information on the results.

3 In the Lab Results History grid go to the Most Recent Results column on the far right and click the graph icon for the test result with multiple results in one day

09:13 35.7 (Celsius)
<a href="#">4 additional results</a>
06:00 30.1 (Celsius)
07:15 30.1 (Celsius)
06:25 37.0 (Celsius)
04:20 37.0 (Celsius)
3.3

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

4 View details of all results collected on the one day.

