



Kentucky Health Information Exchange (KHIE)

ePartnerViewer Cumulative Laboratory Results

User Guide

February 2023

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Document Control Information

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1 Introduction

Overview of Cumulative Laboratory Documents

The Cumulative Laboratory functionality is one of the most powerful design features of the ePartnerViewer. It is an enhancement function that enables trending of similar laboratory results over a period of time. The patient must have had the same laboratory test performed at least twice. This tool offers the ability to monitor patients' progress and simplifies collecting and organizing patients' test results.

Overview of Changes

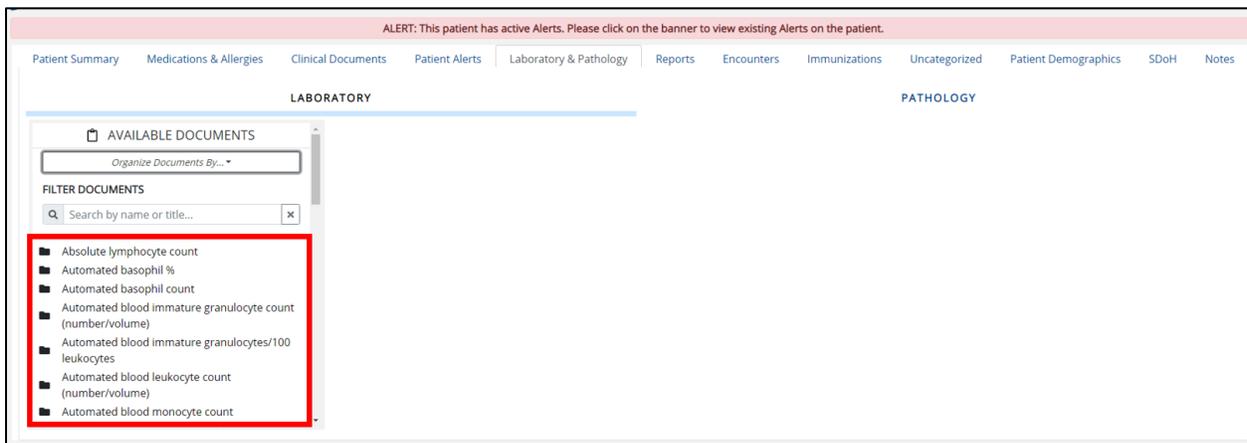
Additional features have been developed for this functionality to enhance the end-user experience and improve upon KHIE's quick and easy-to-use portal. The purpose of this guide is to provide an overview of the Cumulative Laboratory functionality changes within the **Laboratory & Pathology Tab** or the **Laboratory Portlet** and provide step-by-step instructions showcasing the new features.

Please Note: This guide assumes a baseline understanding of KHIE's web-based portal, the ePartnerViewer. For basic step-by-step guidance, Users can review the [ePartnerViewer User Guide](#), located in the ePartnerViewer *Resources* section under *The KHIE Coach*.

For additional information, please review the ePartnerViewer resources on the KHIE website: <https://khie.ky.gov/epartner-viewer/Pages/default.aspx>

2 Cumulative Laboratory Documents Enhancement

New functionality in the ePartnerViewer enables an easier and more efficient review of Cumulative Laboratory results within the **Laboratory & Pathology Tab** or the **Laboratory Portlet**. Laboratory result documents can now be alphabetically sorted within the *Available Documents* section.

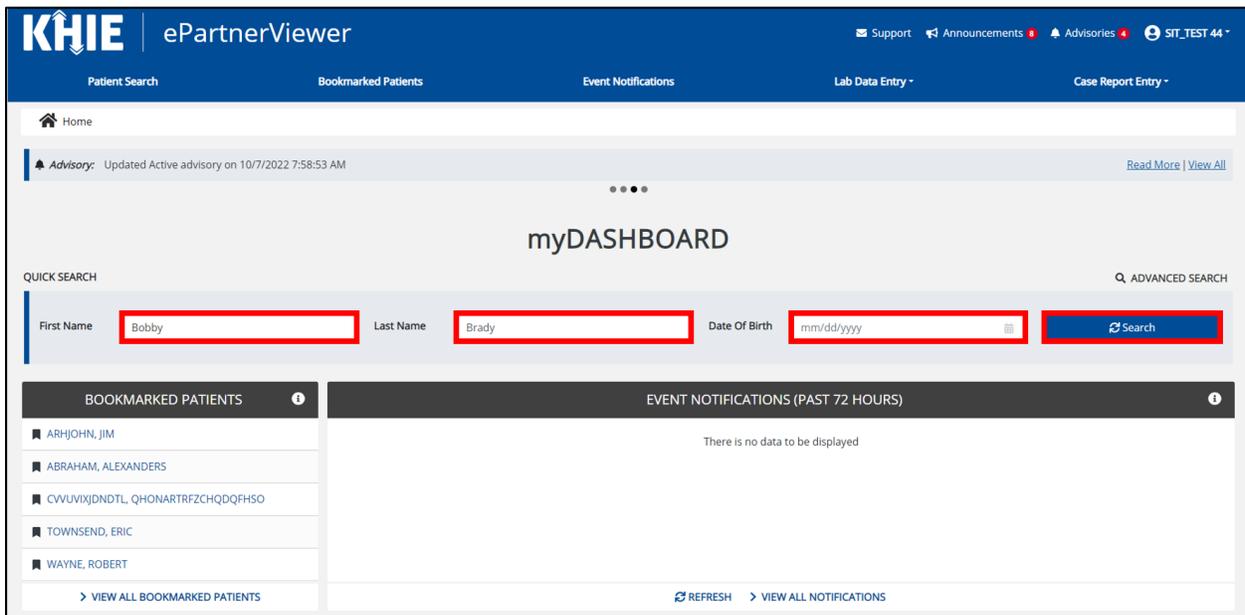


Please Note: The original functionality did not include alphabetical sorting of documents in the *Available Documents* section.

Cumulative Laboratory Documents Overview

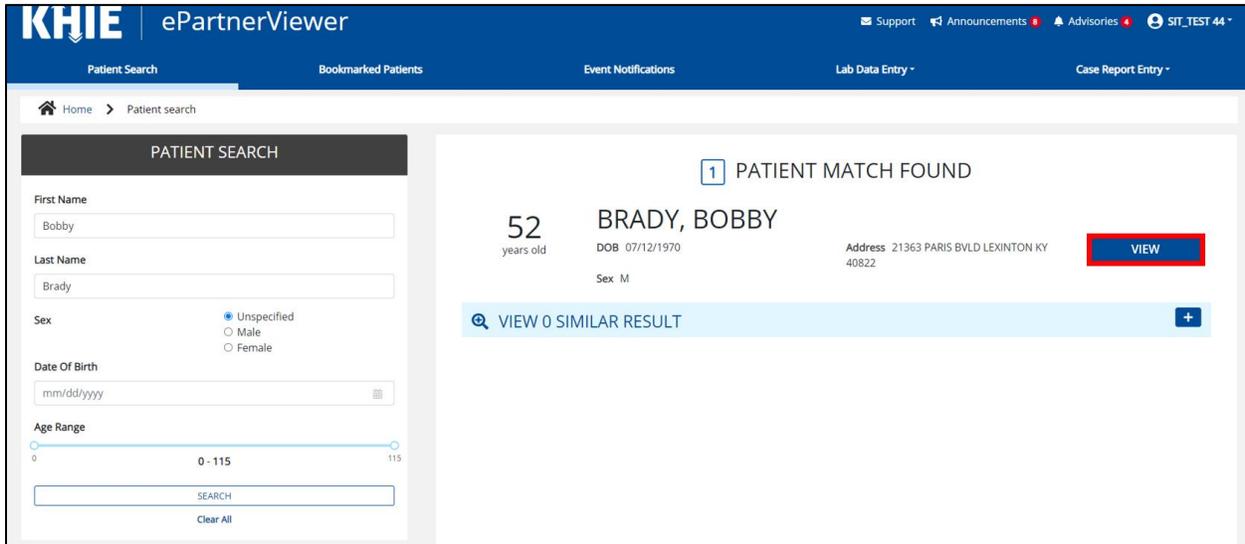
This feature allows ePartnerViewer Users to view cumulative laboratory values in a table and graph. The Cumulative Laboratory feature can be accessed from the **Laboratory Portlet** or the **Laboratory & Pathology Tab**.

1. To review a patient’s laboratory results, search for a patient by entering the patient’s **First Name** and **Last Name** in the appropriate fields of the *Quick Search* section on the **myDASHBOARD** screen.
2. If available, enter the patient’s **Date of Birth**.
3. Click **Search** to search for the patient.

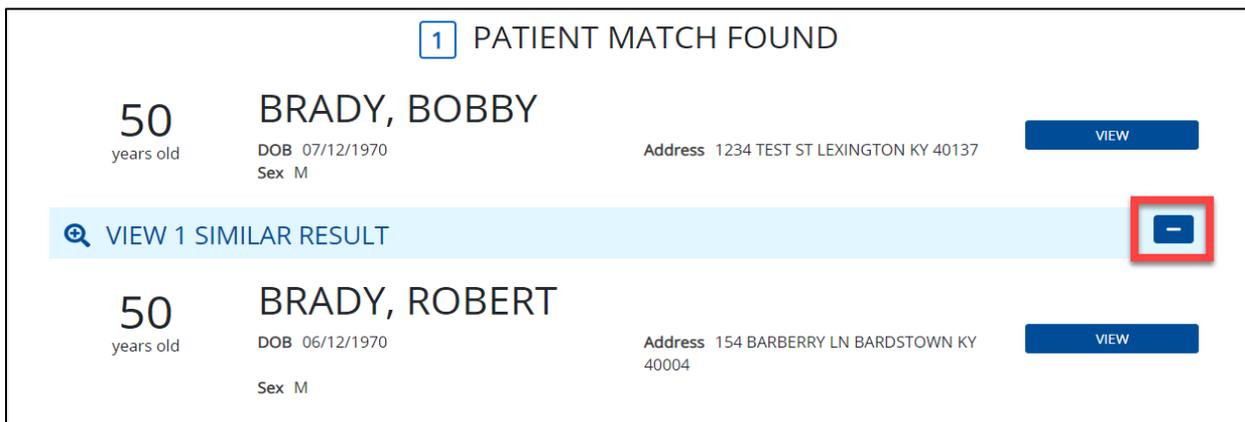


Please Note: A search using only the patient’s first and last names may return multiple patient results. Entering additional search criteria such as the date of birth may narrow the matching patient search result(s).

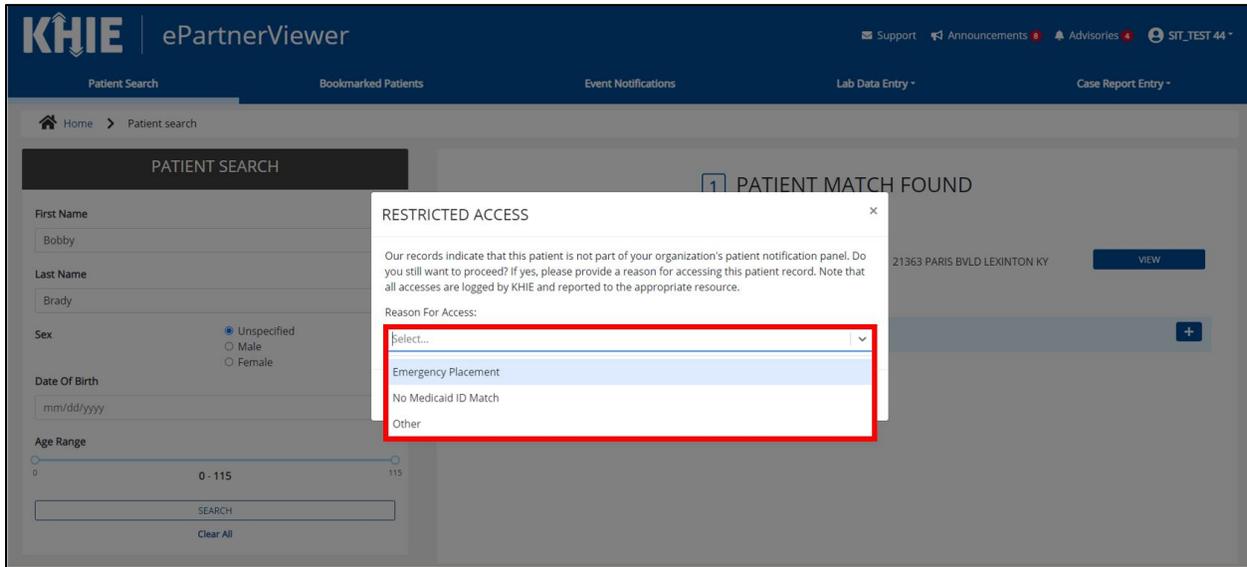
- 4. The **Patient Search** screen displays the patient match results. To navigate to the **Patient Summary** screen, click **View**, located next to the appropriate patient's name.



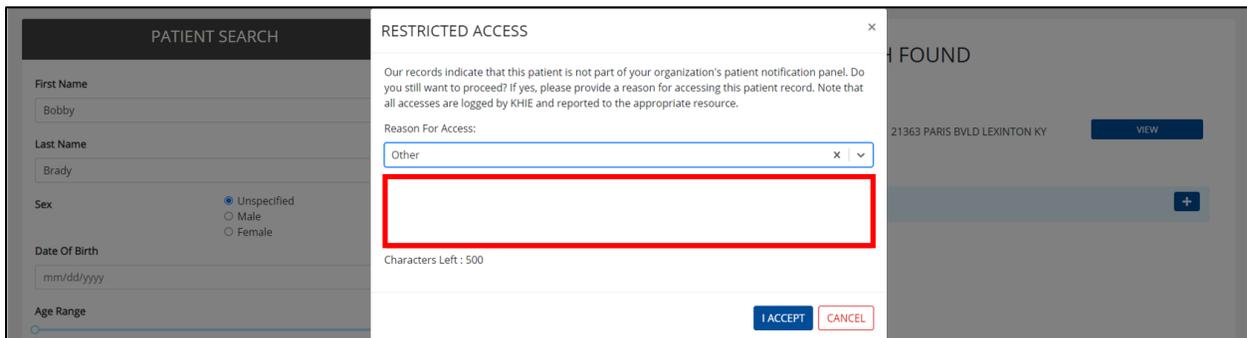
Please Note: Depending on the search information entered by the User, patient searches may generate multiple search results. Users can click the **Plus/Minus Sign** to the right of *View Similar Result* to review or hide any similar patient search results and confirm the correct patient has been identified.



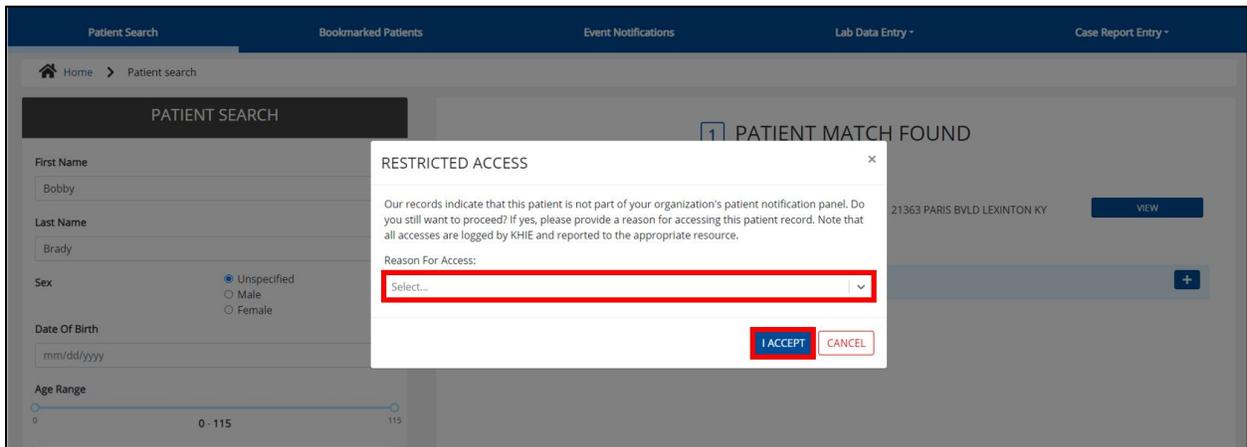
- If the patient is not part of your organization’s patient panel, the *Restricted Access* pop-up displays. From the dropdown menu, select the appropriate **Reason for Access**.



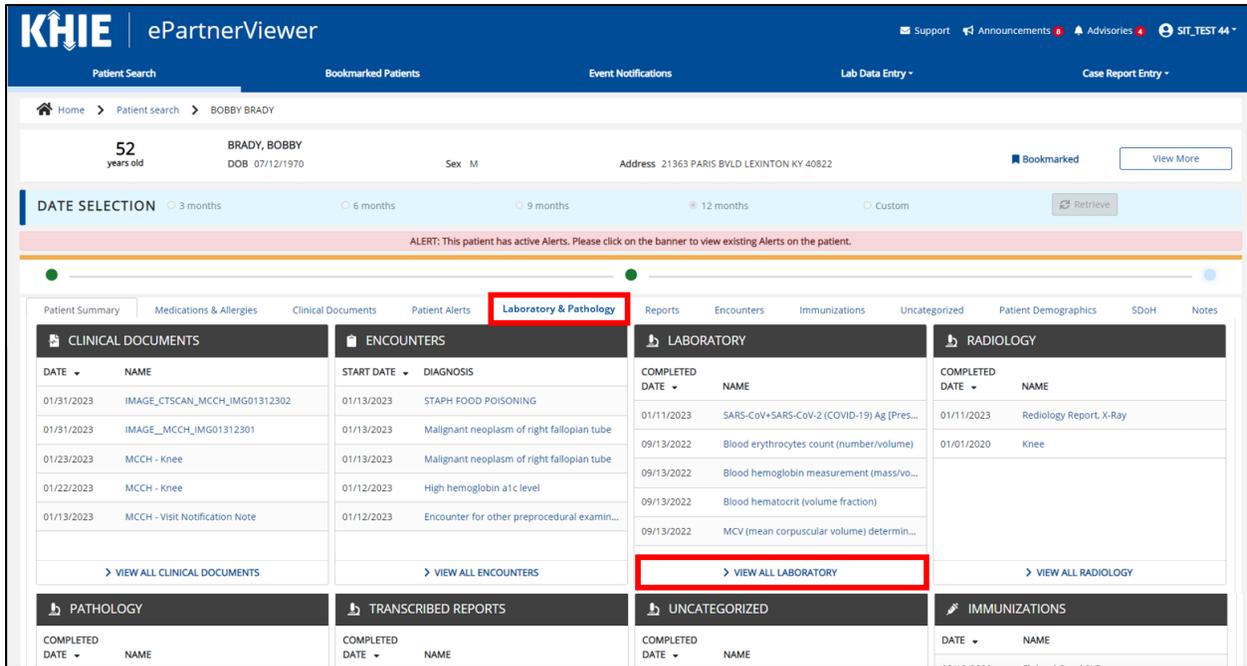
- If **Other** is selected from the *Reason for Access* dropdown menu, the subsequent textbox field displays. To proceed, enter the **reason for access details** in the textbox field.



- Once the appropriate reason for access has been selected, click **I Accept**.



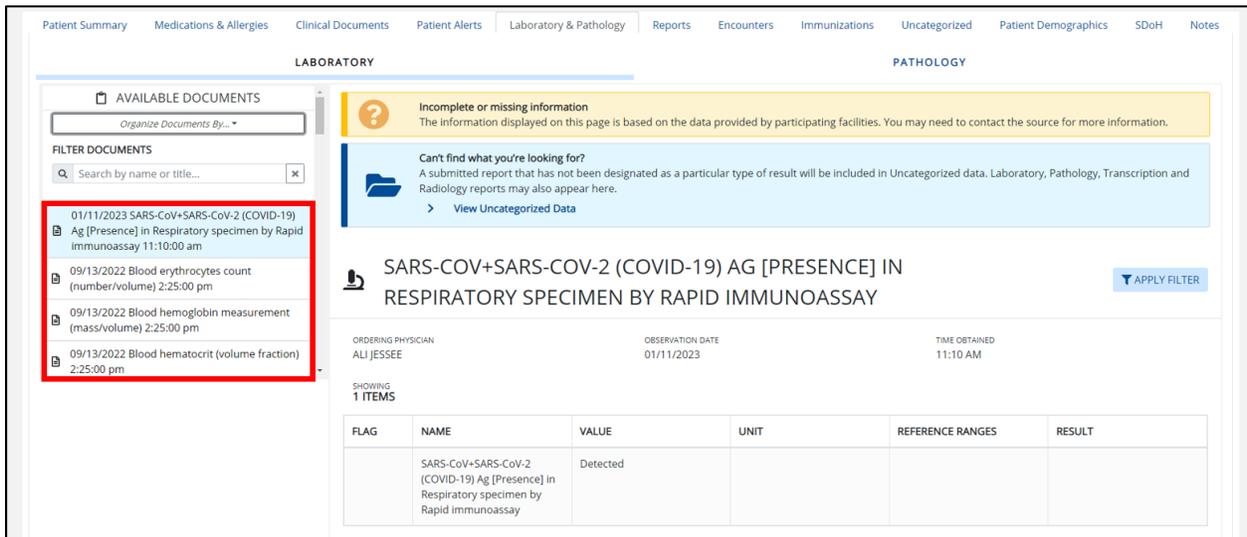
- 7. The **Patient Summary** screen displays. Click the **Laboratory & Pathology Tab** or click the **View All Laboratory** button on the **Laboratory Portlet** to review the patient's laboratory results.



Please Note: The Cumulative Laboratory feature is only available for Laboratory results.

Sort and Filter Laboratory Documents

- 8. The **Laboratory** screen displays. By default, the *Available Documents* section sorts the list of documents by date with the most recent date displaying first. There are multiple methods for sorting and filtering laboratory results.



9. From the *Available Documents* section on the left side, click **Organize Documents By**.
10. Select **Lab** from the dropdown menu.

The screenshot shows the 'AVAILABLE DOCUMENTS' section on the left with the 'Organize Documents By...' dropdown menu open and 'Lab' selected. The main content area displays a laboratory result for 'SARS-COV+SARS-COV-2 (COVID-19) AG [PRESENCE] IN RESPIRATORY SPECIMEN BY RAPID IMMUNOASSAY'. Below the title, it shows the ordering physician (ALJ JESSEE), observation date (01/11/2023), and time obtained (11:10 AM). A table below shows the result:

| FLAG | NAME | VALUE | UNIT | REFERENCE RANGES | RESULT |
|------|---|----------|------|------------------|--------|
| | SARS-CoV+SARS-CoV-2 (COVID-19) Ag [Presence] in Respiratory specimen by Rapid immunoassay | Detected | | | |

11. The **Laboratory Documents List** appears with the available laboratory results sorted in alphabetical order.

The screenshot shows the 'AVAILABLE DOCUMENTS' section on the left with a list of laboratory documents sorted alphabetically. The list includes:

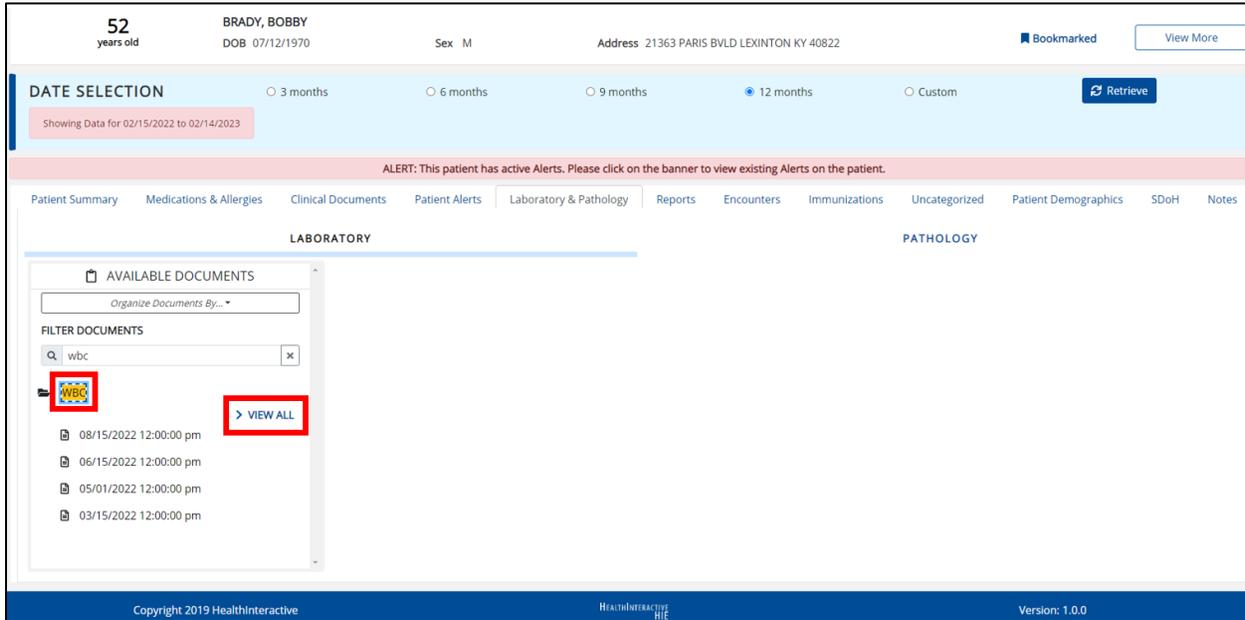
- Absolute lymphocyte count
- Automated basophil %
- Automated basophil count
- Automated blood immature granulocyte count (number/volume)
- Automated blood immature granulocytes/100 leukocytes
- Automated blood leukocyte count (number/volume)
- Automated blood monocyte count

12. To refine the list of available laboratory results, enter a **Document Name** in *Filter Documents*.

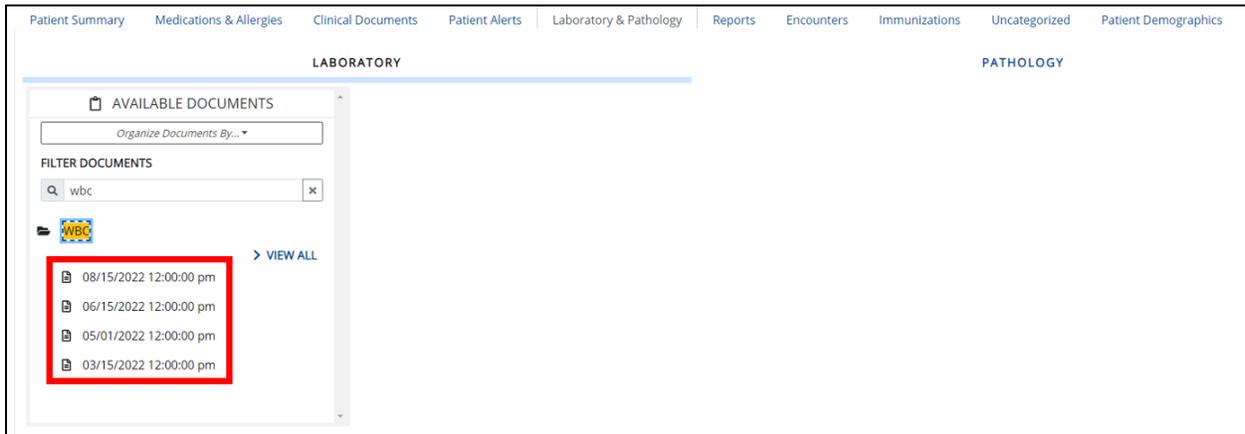
The screenshot shows the 'AVAILABLE DOCUMENTS' section on the left with the 'FILTER DOCUMENTS' search box containing the letter 'W'. The list of documents is filtered to show results starting with 'W':

- Automated erythrocyte distribution width determination (entitic volume)
- Automated erythrocyte distribution width percentage
- Glomerular filtration rate (GFR) estimation/1.73 sq m using creatinine measurement
- Serum, plasma, or whole blood sodium measurement (moles/volume)
- WBC

13. Click a **specific laboratory document folder**, then click **View All**.



Please Note: Upon selecting a **specific laboratory document folder** from the *Available Documents* section, the laboratory documents are sorted by date with the most recent date displaying first.



Review Cumulative Laboratory Results

14. The Cumulative Laboratory table displays the laboratory results. To view a graph of the Cumulative Laboratory results, click **Show Graph**.

LABORATORY **PATHOLOGY**

AVAILABLE DOCUMENTS
Organize Documents By...
FILTER DOCUMENTS
wbc
VIEW ALL

Incomplete or missing information
The information displayed on this page is based on the data provided by participating facilities. You may need to contact the source for more information.

Can't find what you're looking for?
A submitted report that has not been designated as a particular type of result will be included in Uncategorized data. Laboratory, Pathology, Transcription and Radiology reports may also appear here.
View Uncategorized Data

WBC Show Graph APPLY FILTER

SHOWING 4 ITEMS

| FLAG | NAME | DATE | PERFORMER | VALUE | UNIT | REFERENCE RANGES | RESULT |
|------|------|------------------------|-----------|-------|-----------|------------------|---------------|
| ⚡ | WBC | 03/15/2022 12:00:00 pm | Zoe Jacob | 11450 | cells/mcL | 4500 - 11000 | Very Abnormal |
| | WBC | 05/01/2022 12:00:00 pm | Zoe Jacob | 10700 | cells/mcL | 4500 - 11000 | Normal |
| | WBC | 06/15/2022 12:00:00 pm | Zoe Jacob | 9800 | cells/mcL | 4500 - 11000 | Normal |
| ⚠ | WBC | 08/15/2022 12:00:00 pm | Zoe Jacob | 11100 | cells/mcL | 4500 - 11000 | Abnormal |

First Back 1 Next Last Maximum 5 entries per page

15. The Cumulative Laboratory graph displays.

LABORATORY **PATHOLOGY**

AVAILABLE DOCUMENTS
Organize Documents By...
FILTER DOCUMENTS
wbc
VIEW ALL

Incomplete or missing information
The information displayed on this page is based on the data provided by participating facilities. You may need to contact the source for more information.

Can't find what you're looking for?
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View Uncategorized Data

WBC Hide Graph APPLY FILTER

BRADY BOBBY Age: 52years Sex: M
Phone: +1 (646) 263-6796, +1 (782) 346-6724, +1 (646) 263-6796, +1 (782) 346-6724, +1 (646) 263-6796, +1 (782) 346-6724 DOB: 07/12/1970

Cumulative Lab

| DATE | VALUE |
|------------------------|-------|
| 03/15/2022 12:00:00 pm | 11450 |
| 05/01/2022 12:00:00 pm | 10700 |
| 06/15/2022 12:00:00 pm | 9800 |
| 08/15/2022 12:00:00 pm | 11100 |

SHOWING 4 ITEMS

| FLAG | NAME | DATE | PERFORMER | VALUE | UNIT | REFERENCE RANGES | RESULT |
|------|------|------------------------|-----------|-------|-----------|------------------|---------------|
| ⚡ | WBC | 03/15/2022 12:00:00 pm | Zoe Jacob | 11450 | cells/mcL | 4500 - 11000 | Very Abnormal |

3 Technical Support

Toll-Free Telephone Support

For questions and assistance regarding the ePartnerViewer, please call 1 (800) 633-6283.

Email Support

To submit questions or request support regarding the ePartnerViewer, please email KHIESupport@ky.gov.

Please Note: To seek assistance or log issues, you can use the **Support Tab** located in the blue navigation bar at the top of the screen in the ePartnerViewer.

