Quick Reference Guide – Pathology Results

Viewing Pathology Results

Pathology results from **North Bristol Trust, University Hospitals Bristol and Weston NHS Foundation Trust** can be viewed under the Laboratory Results accessed from the Document Tree.

To view the pathology results search screen click on **Laboratory Results** (yellow document icon as shown below)

Results in Connecting Care are associated with the following Diagnostic Service:

- Blood Sciences
- Blood Transfusion
- Cellular pathology
- Infection Sciences
- Newborn Screening
- Tissue Typing

Pathology Results search

- Laboratory results are **grouped by Lab number**.
- Laboratory Results will display the report with the latest collection date is at the top
- When there are no results to show given the search criteria provided (or when a patient has no results at all) the search results will show '**No Results Found**'.
- Results for UHBW will be displayed as **UHBW- Bristol** and **UHBW- Weston** as the organisation

Search criteria

Collection date

The Laboratory Results search is defaulted to show any results from the last 3 months. See Amending default settings for Pathology Results search to amend default setting.
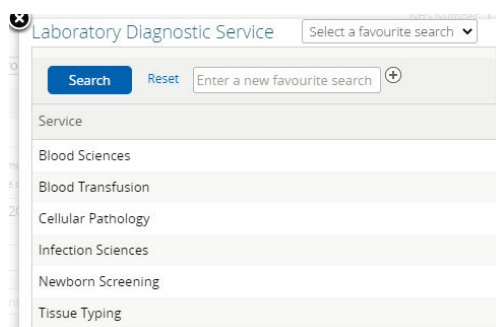
To search for a specific date or date range click on the calendar icon and select the date.

Diagnostic service

To search for a specific diagnostic service click on plus symbol next to Add

A drop down list of diagnostics services will be displayed.

When a service is selected from the drop down list this is added to the search criteria.
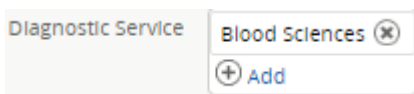
To remove a diagnostic service from the search criteria click on the cross then to the diagnostic service you wish to remove.

Report

To search for a specific report add the name of the report into the textbox and click search

Abnormal

To search for an abnormal result click on **Yes** and then click search**.**
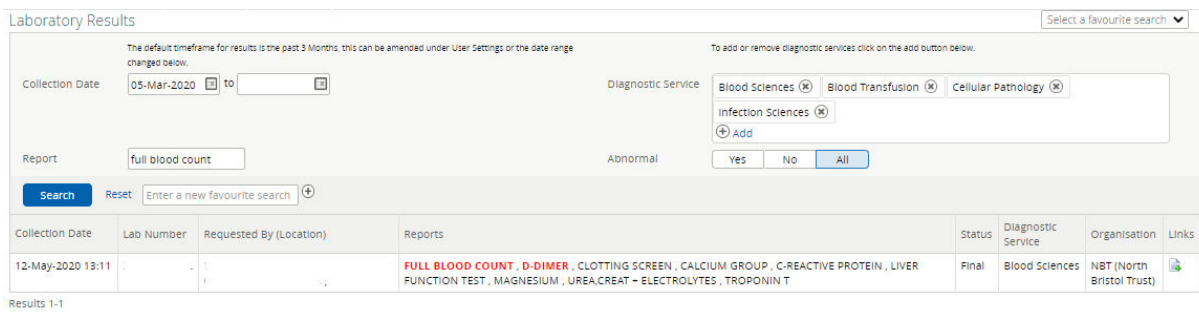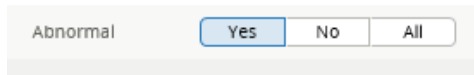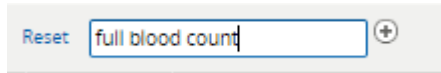Abnormal results will show as red**.**

Abnormal	Yes	No	All

Selecting the **Reset** link and search will reset any filters which have been selected for the search.

Saving Search Filters

If you want to reuse the filters from a search criteria for other patient records type a name into the text box 'Enter a new favourite search'

Reset | full blood count | ⊕

Click on the plus symbol to save the search details.

Saved searches will be shown in the 'Select a favourite search' drop down list, selecting a saved search from the list will populate the form with the details and perform the search

Select a favourite search ⌄
Select a favourite search
full blood count
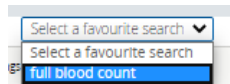
Amending default settings for Pathology Results search

To amend the default settings for the search click on your user profile and click on **User settings**

👤 Amy Travers ▾ | LOGOUT
👤 User Settings
❓ Help

ORION ★
HEALTH
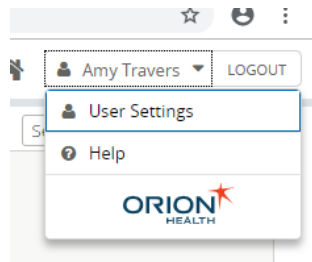
Underneath the Results View section of **My Details** amend the collection date by selecting from drop down list. Click **Update Preferences**.

 Note: You will need to log out for the settings to take effect.

Record Search
Preferred Facility
All
2 years
1 year
6 months
3 months

Results View
Collection Date | 3 months ⌄

Update Preferences | Discard Changes
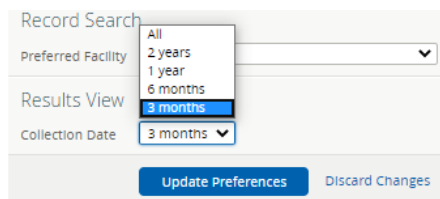
Accessing and Viewing the Reports

To access the report either click on the icon in the **Links** section or click on the report name under the **Reports** column from the Pathology search results

|	**Single View**	Displayed when Reports has a single report - select to view the single report
	Grouped View	Displayed when Reports has multiple report - select to view the grouped report
	Cumulative View	Displayed when Reports has a single report - select to view the cumulative view of the report

- Hover the mouse over the icon in the **Links** section to display the type of report
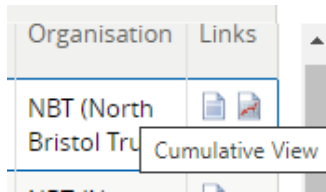
- Where 'Reports' contains multiple reports you can view the individual reports by moving the cursor over the report name in the 'Reports' column and selecting it.

- There are three common statuses for pathology results. The letter will be displayed in the status field.

O	Order Received
A	Some Results Available
F	Final

Single and Grouped Reports

Examples of how single and grouped reports display are shown below. Reports can either be numerical or textural.

FULL BLOOD COUNT View Cumulative Results

Collected	25-Nov-2020 00:01	Laboratory Number	
Received	25-Nov-2020 16:38		
Reported	25-Nov-2020 16:40	Requested By	DAVID BRIXEY - NBT CHEMICAL PATHOLO
Organisation	NBT (North Bristol Trust)	Specimen Source	
		Status	F

Test	Result	Ref. Range (Units)	Abnormality	Status
White Cell Count	5.00	4.0 - 11.0 (10^9/L)		
RBC	4.00	3.80 - 5.30 (10^{12}/L)		
Haemoglobin	150	120 - 150 (g/L)		
Haematocrit	0.40	0.37 - 0.45 (L/L)		
MCV	88.0	83 - 100 (fL)		
MCH	29.0	27.0 - 32.0 (pg)		
MCHC	350	310 - 350 (g/L)		
Platelets	350	150 - 400 (10^9/L)		
RDW	12	11.5 - 15.5		
Neutrophils	4.00	1.5 - 8.0 (10^9/L)		
Lymphocytes	* 0.80	1.0 - 4.0 (10^9/L)	Low	
Neutrophil/lymphocyte ratio	5.00			
Monocytes	0.20	0.2 - 1.0 (10^9/L)		

* = Abnormal

[View Grouped Report Version] [Back to Search Results]

(N) NOVEL CORONAVIRUS (COVID-19)

Collected	23-Nov-2020 14:03	Laboratory Number	
Received	24-Nov-2020 10:04		
Reported	24-Nov-2020 18:32	Requested By	
Organisation	UHBW (Weston)	Specimen Source	Nose & throat swab (Virology)
		Status	F

Relevant Clinical Information

SARS-CoV-2 RNA
Not Detected

Comment
No evidence of COVID-19 infection.
If there is a strong clinical suspicion of
COVID-19 infection it is recommended to test a
further sample set.

GROUP AND SAVE, LABORATORY COMMENT:

Collected	04-Oct-2019 10:50	Lab Number	
Received	04-Oct-2019 11:07	Requested By	
Organisation	NBT (North Bristol Trust)	Specimen Source	

>>>> REPORT: GROUP AND SAVE : Reported: 04-Oct-2019 13:29, Status: F <<<<

Blood Group
A Rh D POSITIVE

Antibody Report
No Atypical Red Cell Antibodies Detected

>>>> REPORT: LABORATORY COMMENT: : Reported: 04-Oct-2019 13:29, Status: F <<<<

Laboratory comment:
This is the first blood grouping record for this
patient. Group O Red Cells will be available in an
Emergency situation. However it is the policy of
this Trust that a second G&S sample MUST be sent.

[Back to Search Results]

FULL BLOOD COUNT, HAEMOGLOBIN A1C, GLUCOSE (PLASMA)

Collected	09-Dec-2020 17:33	Laboratory Number	
Received	10-Dec-2020 13:10		
Organisation	UHBW (Bristol)	Requested By	
		Specimen Source	
Relevant Clinical Information	29/40 GDM risk		

FULL BLOOD COUNT : Reported: 10-Dec-2020 13:39, Status: F

Test	Result	Ref. Range (Units)	Abnormality	Status
White Cell Count	7.58	4.0 - 11.0 (10^9/L)		
RBC	3.89	3.80 - 5.30 (10^{12}/L)		
Haemoglobin	* 106	120 - 150 (g/L)	Low	
Haematocrit	* 0.334	0.37 - 0.45 (L/L)	Low	
MCV	85.9	83 - 100 (fL)		
MCH	27.2	27.0 - 32.0 (pg)		
MCHC	317	310 - 350 (g/L)		
Platelets	206	150 - 400 (10^9/L)		
RDW	12.9	11.5 - 15.5		
Neutrophils	5.69	1.5 - 8.0 (10^9/L)		
Lymphocytes	1.09	1.0 - 4.0 (10^9/L)		
Monocytes	0.72	0.2 - 1.0 (10^9/L)		
Eosinophils	0.06	0.0 - 0.5 (10^9/L)		
Basophils	0.02	0.0 - 0.2 (10^9/L)		

* = Abnormal

HAEMOGLOBIN A1C : Reported: 10-Dec-2020 14:08, Status: F

Test	Result	Ref. Range (Units)	Abnormality	Status
Haemoglobin A1c (IFCC)	34	..(mmol/mol)		
HbA1c Report comment		Diagnostic thresholds: >=48 mmol/mol probable diabetes, 42-48 mmol/mol at high risk of diabetes. Treatment targets: 48 mmol/mol (53 mmol/mol in type 2 diabetes if on a drug associated with hypoglycaemia) but individualised treatment advised, especially if elderly, limited life expectancy or high risk from hypoglycaemia (NICE NG 17 and 28). HbA1c may give a false indication of glycaemia if glucose rapidly changing or if abnormal red cell turnover rate.		

* = Abnormal

- Abnormal results will appear with * next to the value and will display in red. The abnormality value will also be displayed as high or low.
- If relevant Clinical Information is over 300 characters this will display as a comment.
- If there is only one report in the group then you will be able to view single report first and then cumulative
- The buttons at the bottom of the report allow navigation either to:

- **View Grouped Report Version** - display the grouped report where this report is part of the group

- **Back to Search Results** - return to the Search Results screen

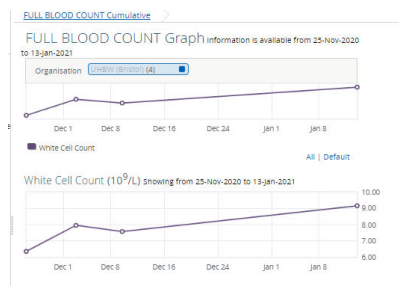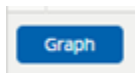## Cumulative View and Graphical View

- Observation values that use a different units or reference ranges are prefixed with §.

- Within the cumulative view any results which have a dash in the number row indicates a Matching Report – this shows items within a different report that match to items within the selected report

- To access the cumulative view within a group click on the report and then select view cumulative results

- To view information in a graph tick the box next to the result you wish to display in a graph. The **Graph** button at the bottom of the cumulative view will change from grey to Blue.

- Click on **Graph**

- To view a certain time frame highlight the dates in the graph, drag and hold and this information will be displayed in the second graph.

- To return to the cumulative view click on the link above the graph

For more information & support contact your local IT Helpdesk