

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:

0 9 0 Document View **Blood Sciences** • Showing All Mark All As Read Group By Category Sort By Date **Blood Transfusion** . 💷 Dashboards Cellular pathology • 💷 Dashboards BETA B Demographics Infection Sciences . Event Summary 🍮 Laboratory Results Newborn Screening • Send Feedback to Connecting Care 🖄 Data Quality Feedback Tissue Typing ٠ Laboratory (22 / 27) Radiology (10 / 12) **Pathology Results search**

aboratory Resu	ilts							Select a	favourite search	h 🗸
	The default timef changed below.	rame for results is the past 3 Months, this ca	n be amended under User Settings or the date range		To add diagnostic servi	ces click on the add button	below.			
Collection Date	05-Mar-2020	to 🔳		Diagnostic Service	Blood Sciences 🛞	Blood Transfusion 🛞	Cellular I	Pathology 🛞		
					Infection Sciences (8				
					(+) Add					
Report	full blood co	unt		Abnormal	Yes No	All				
Search Re	set Enter a ne	ew favourite search								
Collection Date	Lab Number	Requested By (Location)	Reports				Status	Diagnostic Service	Organisation	Links
12-May-2020 13:11	2. C	5 10 - 102	FULL BLOOD COUNT, D-DIMER, CL FUNCTION TEST, MAGNESIUM, URE	OTTING SCREEN , CALC A,CREAT + ELECTROLYT	IUM GROUP , C-REACT ES , TROPONIN T	IVE PROTEIN , LIVER	Final	Blood Sciences	NBT (North Bristol Trust)	

esults 1-1

- 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

Diagnostic Service 🕒 Add

A drop down list of diagnostics services will be displayed.

aboratory I	Diagnostic Service	Select a favourite search 👻
Search	Reset Enter a new fav	ourite search 🖯 🕀
Service		
Blood Sciences		
Blood Transfus	ion	
Cellular Pathol	ogy	
Infection Scien	ces	
Newborn Scree	ening	
Tissue Typing		

When a service is selected from the drop down list this is added to the search criteria.

Diagnostic Service	Blood Sciences 🛞
	(+) Add

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

aboratory Resu	ults							Select	a favourite searc	:h 🗸
	The default time changed below.	frame for results is the past 3 Months, this c	an be amended under User Settings or the date range		To add or remove diagnosti	c services click on the add buttor	n below.			
Collection Date	05-Mar-2020	to 🔳		Diagnostic Service	Blood Sciences 🛞	Blood Transfusion 🛞	Cellular	Pathology 🛞		
					Infection Sciences (8				
					(Add					
Report	full blood co	unt		Abnormal	Yes No	All				
Search Re	eset Enter a n	ew favourite search								
Collection Date	Lab Number	Requested By (Location)	Reports				Status	Diagnostic Service	Organisation	Uni
2-May-2020 13:11	и с		FULL BLOOD COUNT , D-DIMER , CL FUNCTION TEST MAGNESIUM URE	OTTING SCREEN , CALC	UUM GROUP , C-REACT	IVE PROTEIN , LIVER	Final	Blood Sciences	NBT (North Bristol Trust)	

Abnormal

August 2023

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	۲
	· · · · · · · · · · · · · · · · · · ·	

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



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

	x 🖯	
1	🛔 Amy Travers 🔻 LOGOUT	
	👗 User Settings	
	🕜 Help	

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.

	Update Preferences	Discard Changes
Collection Date	3 months 🖌	
Results View	3 months	
	1 year 6 months	
Preferred Facility	2 years	~
Record Search		

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
1	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.

0	Order Received
А	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	
Received	25-Nov-2020 16:38	Number	
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)		
мсн	29.0	27.0 - 32.0 (pg)		
мснс	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)		

View Grouped Report Version Back to Search Results

(N) NOVEL CORONAVIRUS (COVID-19)

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

SARS-CoV-2 RNA

Not	D	ete	ec.	te	d	
Con			-			

Information

connienc
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,	LABORA	TORY	COMM	JENT
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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.



FULL BLOOD COUNT, HAEMOGLOBIN A1C, GLUCOSE (PLASMA)

	Contraction in the	Later of the state of the
Received	10-Dec-2020 13:10	Number
Organisation	UHBW (Bristol)	Requested By
		Specimen Source

Relevant Clinical 29/40 GDM risk

Test	Result	Ref. Range (Units)	Abnormality	Status
White Cell Count	7.58	4.0 - 11.0 (10 ⁹ A)		
RBC	3.89	3.80 - 5.30 (10 ¹³ /L)		
Haemoglobin	* 105	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 ⁶ /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%/L)		
Basophils	0.02	0.0-02(10%)		

Test	Result	Ref. Range (Units)	Abnormality	Status
Haemoglobin A1c (IFCC)	34	. (mmol/mol)		
HbA1c Report comment	Diagnostic thr diabetes, 42.4 Treatment tar type 2 diabete hypoglycaemi advised, espec- expectancy or NG 17 and 28 HbATc may gi glucose rapidi turnover oth	exholds: ==48 mmol/mol probable 8 mmol/mol at high risk of dabatest, gets: 48 mmol/mol (53 mmol/mol in 5 if on a drug associated with a ju un individualised interatment tably if identy, limited life high risk from hypoglycacmis (NKE L e de faitse indication of glycacmis if y changing or if abnormal red cell		

- Abnormal results will appear with * next to the value and will display in red. The abnormality ٠ 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: ٠

- View Grouped Report Version display the grouped report where this report is part of the group
- o Back to Search Results return to the Search Results screen

Number	LATEST 4 of 4	3 of 4	2 of 4	1 of 4	Ref. Range (Units)
Collected	13-Jan-21 16:39	09-Dec-20 17:33	02-Dec-20 20:38	25-Nov-20 10:52	
Organisation	UHBW	UHBW	UHBW	UHBW	
White Cell Count	9.16	7.58	7.96	6.36	4.0 - 11.0 (10 ⁹ /L)
RBC	4.17	3.89	3.83	4.04	3.80 - 5.30 (10 ¹² /L
Haemoglobin	* 106	* 106	* 104	* 112	120 - 150 (g/L)
Haematocrit	* 0.353	* 0.334	* 0.319	* 0.342	0.37 - 0.45 (L/L)
MCV	84.7	85.9	83.3	84.7	83 - 100 (fL)
мсн	* 25.4	27.2	27.2	27.7	27.0 - 32.0 (pg)
мснс	* 300	317	326	327	310 - 350 (g/L)
Platelets	202	206	199	191	150 - 400 (10 ⁹ /L)
RDW	13.0	12.9	12.7	12.6	11.5 - 15.5
Neutrophils	7.43	5.69	6.03	4.85	1.5 - 8.0 (10 ⁹ /L)
Lymphocytes	* 0.96	1.09	1.12	* 0.90	1.0 - 4.0 (10 ⁹ /L)
Monocytes	0.68	0.72	0.68	0.52	0.2 - 1.0 (10 ⁹ /L)
Eosinophils	0.07	0.06	0.10	0.07	0.0 - 0.5 (10 ⁹ /L)
Basophils	0.02	0.02	0.02	0.01	0.0 - 0.2 (10 ⁹ /L)

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.

FUL to 18-lan	BLOOD COUN	VT Graph Informat	ion is available from	25-Nov-202
Orga	nisation UHBW (Bristol) ((4)		
~	000			
	Dec 1 Dec 8	Dec 16 Dec 24	Jan 1	Jan 8
Service when	te Cell Count			
			A	II Default
White	Cell Count (109/L) s	nowing from 25-Nov-202	0 to 13-Jan-2021	
				-

- 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

Graph