

Viewing Laboratory Results

Laboratory results can be viewed within the Clinical Document Viewer (CDV) tree.

- ▶ Alerts & Risks (6 / 6)
- ▶ Assessments (5)
- ▶ Care Plans (2 / 6)
- ▶ Clinical Notes (12 / 12)
- ▶ Correspondence (15)
- ▶ Events (12 / 12)
- ▶ **Laboratory (6 / 41)**
- ▶ Medication (12 / 13)
- ▶ Observations (6 / 6)
- ▶ Patient Preferences/Instructions (1)
- ▶ Problems (6 / 6)
- ▶ Radiology (2)
- ▶ Reports (1 / 1)
- ▶ Summary Views (6 / 6)
- ▶ Unknown Category (31)

Clicking onto the laboratory folder will present sub folders, including Biochemistry, Blood Bank, Haematology and Microbiology.

- ▼ **Laboratory (6 / 41)**
 - ▶ **Biochemistry (1 / 15)**
 - ▶ **Blood Bank (1 / 2)**
 - ▶ **Haematology (2 / 20)**
 - ▶ **Microbiology (2 / 4)**

Selecting a subfolder will present information on the latest result in that category as well as how many results there are, including how many remain unread (**in bold**). If all results have been read, you will just see the number of reports available.

- ▼ **Biochemistry (2 / 15)**
 - ▶ 17-Dec-2020 UREA,CREAT + ELECTROLYTES **(7)** Consultant, Dr John
 - ▶ 17-Dec-2020 **LFT (1 / 6)** Consultant, Dr John
 - ▶ 12-Dec-2020 C-REACTIVE PROTEIN (1) Consultant, Dr John
 - ▶ 14-Jul-2011 GLUCOSE TOLERANCE TEST (1 / 1) Consultant, Dr John

Shared Care Record

Viewing Laboratory Results

Hovering over an item will present a dialogue box with further information around Category, Author, Facility, lab number as well as the source of the information.

UREA,CREAT + ELECTROLYTES

Source Date:	17-Dec-2020
Category:	Biochemistry
Service:	Laboratory
Author:	Consultant, Dr John
Facility:	RICH (Royal Bournemouth Hospital)
Lab Number:	20KH0526617
Source:	Clinics W/Path
Status:	Normal
Mark:	00 = Read / 0000 = View

The default view when looking at results is a cumulative view with the latest results from left to right. The most recent results will be presented with the option to show older results if they exist.

UREA,CREAT + ELECTROLYTES Cumulative - Show Older

Number	LATEST 7 of 7	6 of 7	5 of 7	4 of 7	3 of 7	Ref Range (Units)
Ordered	17-Dec 11:58	14-Dec 12:20	15-Dec 10:00	14-Dec 10:00	13-Dec 09:30	
Source	RICH	RICH	RICH	RICH	RICH	
Sodium	133	136	137	136	142	133 - 146 (mmol/L)
Potassium	4.4	3.9	4.0	4.0	4.4	3.5 - 5.3 (mmol/L)
Urea	4.5	5.4	5.5	5.7	4.8	2.5 - 7.8 (mmol/L)
Creatinine	47	49	49	58	57	45 - 84 (umol/L)
eGFR (1.73m ² (CKD-EPI))	88	87	81	82	83	(mL/min)
eGFR comment	eGFR 60...	eGFR 60...	eGFR 60...	eGFR 60...	eGFR 60...	

No tests selected

* Abnormal ** Critically Abnormal ⓘ (Info) or Reference Range (Info)

Any abnormal and critically abnormal results will be highlighted in red with an asterisk for abnormal and a double Asterisk for critically abnormal results.

UREA,CREAT + ELECTROLYTES Cumulative - Show Older

Number	LATEST 2 of 2	6 of 7	5 of 7	4 of 7	3 of 7	2 of 7	1 of 7	Ref Range (Units)
Ordered	19-Dec 10:58	14-Dec 12:20	15-Dec 10:00	14-Dec 10:00	13-Dec 09:30	12-Dec 10:45	10-Dec 00:00	
Source	RICH	RICH	RICH	RICH	RICH	RICH	RICH	
Sodium	133	136	137	136	142	142	142	133 - 146 (mmol/L)
Potassium	4.4	3.9	4.0	4.0	4.4	4.3	4.4	3.5 - 5.3 (mmol/L)
Urea	4.5	5.4	5.5	5.7	4.0	* 18.4	4.0	2.5 - 7.8 (mmol/L)
Creatinine	47	49	49	58	57	** 181	57	45 - 84 (umol/L)
eGFR (1.73m ² (CKD-EPI))	88	87	81	82	81	21	81	(mL/min)
eGFR comment	eGFR 60...	eGFR 60...	eGFR 60...	eGFR 60...	eGFR 60...	eGFR 15...	eGFR 15...	

Viewing Laboratory Results

Clicking onto any of the dates within a particular result will provide further information on when the sample was collected, received and when the result was reported. It will also show the lab number, who requested the sample, the specimen source, and the status of the result.

UREA,CREAT + ELECTROLYTES Cumulative

UREA,CREAT + ELECTROLYTES

Collected	17-Dec-2020 11:50	Laboratory Number	20U00526617
Received	17-Dec-2020 12:50	Requested By	Consultant, Dr John
Reported	02-Feb-2021 12:00	Specimen Source	
Organisation	RBCH (Royal Bournemouth Hospital)	Status	Final

Test	Result	Ref. Range (Units)	Abnormality	Status
Sodium	133	133 - 146 (mmol/L)		Final
Potassium	4.4	3.5 - 5.3 (mmol/L)		Final
Urea	4.5	2.5 - 7.8 (mmol/L)		Final
Creatinine	47	45 - 84 (umol/L)		Final
eGFR/1.73m2 (CKD-EPI)	88	(mL/min)		Final
eGFR comment	eGFR 60-89: Indicates stage 2 CKD only if pre-existing evidence of kidney disease. Multiply eGFR by 1.16 for African or African-Caribbeans.			

* Abnormal ** Critically Abnormal

Results will also present a report history, in this example showing that it is a final report from Royal Bournemouth Hospital.

Report History

Final Report from RBCH (Royal Bournemouth Hospital) 8 months ago

The results will also show 'access history' which is a quick way to see if and when a clinician has viewed specific results, this provides an audit trail and will evidence everyone has looked at the results providing assurance for clinical staff.

Access History

When	Who	What	Time Ago
18-Aug-2021 08:12	William Mayfield (william.mayfield)	SARS-COV-2 (COVID 19)	3 hours
16-Aug-2021 14:44	William Mayfield (william.mayfield)	SARS-COV-2 (COVID 19)	2 days

Viewing Laboratory Results

To see trends within results for certain tests, it is possible to graph them by selecting specific elements of the result you would like to see and then selecting the 'graph' button.

UREA,CREAT + ELECTROLYTES Cumulative

Number	LATEST 7 of 7	6 of 7	5 of 7	4 of 7	3 of 7	Ref. Range (Units)
Collected	17-Dec 11:50	16-Dec 12:20	15-Dec 10:00	14-Dec 10:00	13-Dec 09:30	
Source	RBCH	RBCH	RBCH	RBCH	RBCH	
Sodium	133	136	137	138	142	133 - 146 (mmol/L)
Potassium	4.4	3.9	4.0	4.0	4.4	3.5 - 5.3 (mmol/L)
Urea	4.5	5.4	5.5	5.7	4.6	2.5 - 7.8 (mmol/L)
Creatinine	47	49	60	58	57	45 - 84 (umol/L)
eGFR/1.73m2 (CKD-EPI)	88	87	81	82	83	(mL/min)

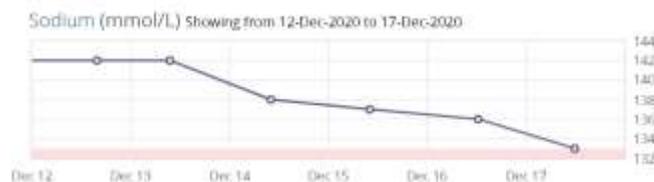
Graph 3 items selected

To see the graph information, drag your mouse over the relevant time period, as shown.

UREA,CREAT + ELECTROLYTES Graph Information is available from 10-May-2019 to 17-Dec-2020

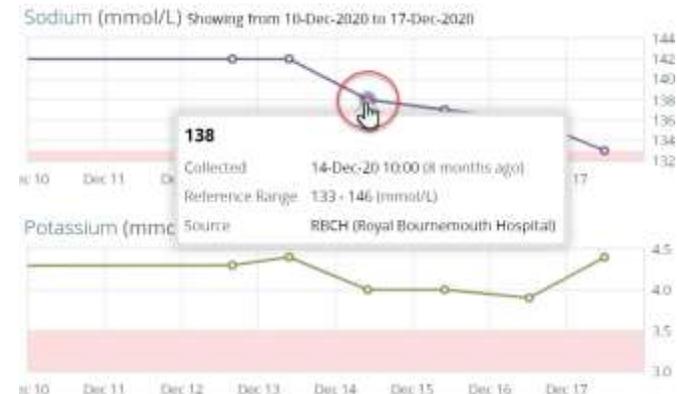
Source: DCH (Dorset County Hospital) (1) RBCH (Royal Bournemouth Hospital) (6)

Click and drag your mouse



Viewing Laboratory Results

You can view information on a specific result within the graph by hovering your mouse over it, as shown. You will see the date it was collected the reference range and the source of the information.



The same workflow applies to the other categories in the laboratory location, including blood bank, Haematology, (as shown) and Microbiology.

FULL BLOOD COUNT Cumulative

Number	LATEST 9 of 9	8 of 9	7 of 9	6 of 9	5 of 9	Ref. Range (Units)
Collected	17-Dec 10:55	16-Dec 09:45	15-Dec 09:30	14-Dec 10:15	13-Dec 09:00	
Source	RBCH	RBCH	RBCH	RBCH	RBCH	
White Cell Count	6.35	6.04	6.79	7.77	6.65	4.0 - 11.0 (10 ⁹ /L)

However, Microbiology reports are written reports and cannot be graphed. Selecting a microbiology report will show further details about the result.

SARS-COV-2 (COVID 19)

Collected	12-Dec-2020 15:45	Laboratory Number	20B123456789
Received	12-Dec-2020 16:00	Requested By	Consultant, Dr John
Reported	12-Dec-2020 17:00	Specimen Source	Serum
Organisation	RBCH (Royal Bournemouth Hospital)	Status	Final

Relevant Clinical Information: as per protocol Biohazard Yes Biohazard; Risk assessed as: Fits case definition

SARS-COV-2 (COVID 19)

Negative