

# Direct Antiglobulin Testing (DAT) - Web return of results

## Logging on

Go to <http://www.ukneqasbtlp.org> and click on the main orange section of the page as shown in figure 1. A list of exercise types will be shown, click on the appropriate exercise to be taken to the correct login screen.

Figure 1 – Accessing the data entry login screen

**Clicking on the orange button "Survey data entry / Report access" reveals a list of exercise types. Click on the required type of exercise to be taken to the correct page.**

**General Haematology**  
2106HB 2106PV  
closing today  
Survey data entry / Report access  
Schedules

**Blood Transfusion Laboratory Practice**  
21ERP2  
closing in 6 days  
Survey data entry / Report access  
Please select a programme:  
A1 sub-typing (expression of interest only)  
Pre-Transfusion Testing  
Feto-Maternal Haemorrhage  
ABO Titration  
Antenatal Titration Pilot  
Direct Antiglobulin Test (DAT)  
Extended Phenotyping Pilot  
Point of care testing (POCT) - D typing  
Red Cell Genotyping Pilot  
Schedules

Enter the PRN (Lab Code), Identity and Password and click on the 'Log in' button as shown in figure 2. It is also possible to login with an email address and password if an account has been set up.

Figure 2 – Logging in

**Login**

Lab Code / PRN or Email: 26000  
Identity: 12345  
Password: .....

Login      Reset your password

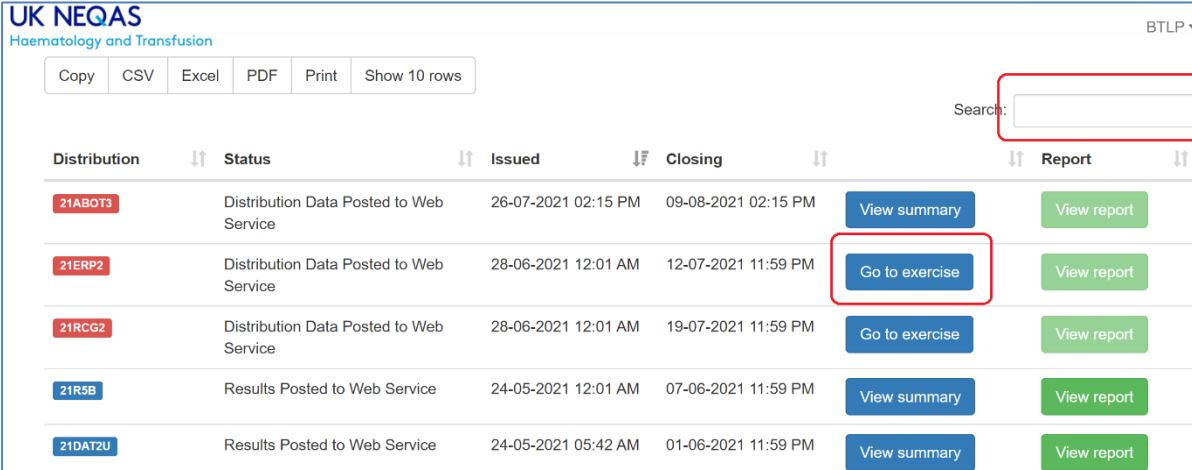
Please note that the Reset your password link will send an email to the registered contact. If that person is unavailable to reset the password, contact UK NEQAS for assistance.

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## Navigating the web page

A list of exercises will be displayed with the most recent at the top as shown in figure 3. The names of open exercises will be in red, and closed exercises will be in blue. If data has not yet been submitted, a button saying 'Data Entry' will be visible on the right hand side of the page. It is possible to search for specific exercises by typing in the Search box in the top right (e.g. "G2", or "DAT").

**Figure 3** – Navigating the list of exercises



The screenshot shows the UK NEQAS Haematology and Transfusion web interface. At the top left, the logo 'UK NEQAS Haematology and Transfusion' is displayed. On the top right, there is a 'BTLP' dropdown menu. Below the logo, there are buttons for 'Copy', 'CSV', 'Excel', 'PDF', 'Print', and 'Show 10 rows'. A search box is located on the right side of the page, with the label 'Search:' and a red box around it. The main content is a table with columns: 'Distribution', 'Status', 'Issued', 'Closing', and 'Report'. The table lists five exercises:

Distribution	Status	Issued	Closing	Report
21ABOT3	Distribution Data Posted to Web Service	26-07-2021 02:15 PM	09-08-2021 02:15 PM	View summary View report
21ERP2	Distribution Data Posted to Web Service	28-06-2021 12:01 AM	12-07-2021 11:59 PM	Go to exercise View report
21RCG2	Distribution Data Posted to Web Service	28-06-2021 12:01 AM	19-07-2021 11:59 PM	Go to exercise View report
21R5B	Results Posted to Web Service	24-05-2021 12:01 AM	07-06-2021 11:59 PM	View summary View report
21DAT2U	Results Posted to Web Service	24-05-2021 05:42 AM	01-06-2021 11:59 PM	View summary View report

Click on 'Go to exercise' for the correct exercise to go to the data entry page.

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## Data entry

Figure 4 shows the data entry screen. Enter the 'Date Received' and 'Assay Date' by typing in the box, or using the calendar function. Then click on the 'Patient 1' button to enter data for Patient 1.

Figure 4 – Entering dates

The screenshot shows the top section of the data entry interface. At the top, a blue header displays 'Your PRN' as '1920DAT2 (Direct Antiglobulin Test (DAT) Pilot)' and 'Submitted on 10 Jun 2019, 13:40'. Below this, a green bar indicates 'Closing on : 3 months 2 weeks from now'. The main data entry area has two date fields: 'Date Received' and 'Date Tested', both set to '10/06/2019 12:00 AM'. Each date field has a calendar icon to its right, which is highlighted with a red box. Below the date fields are buttons for 'Patient 1' and 'Patient 2'. To the right are 'Instructions', 'View Summary', and 'Submit your results' buttons. At the bottom, there are 'Download Exercise Instructions' and 'Data entry instructions' buttons.

The patient that has been selected is visible throughout the page, see red boxes in figure 5.

The sample quality question is above the other data entry fields (see figure 5), the default is 'Satisfactory', if there is a problem with the sample quality, select 'Unsatisfactory' from the drop down list, and enter information into the freetext box which will appear below.

Figure 5 – Data entry

The screenshot shows the lower section of the data entry interface. At the top, the 'Patient 1' button is highlighted with a red box. Below it, the 'Sample quality' section has a dropdown menu set to 'Satisfactory', with a 'Patient 1' label to its right. The 'Results' section contains four dropdown menus: 'Reaction grade vs Polyspecific AHG' (3+), 'Reaction grade vs Anti-IgG' (3+), 'Reaction grade vs Anti-C3d' (Negative), and 'Reagent control' (Negative). Below these is an 'Interpretation' dropdown set to 'Positive IgG only'. At the bottom left, the 'Save Patient 1' button is highlighted with a purple box. At the bottom right, the 'Submit your results' button is also highlighted with a purple box.

It is possible to save data for each patient by clicking the orange 'Save Patient x' button in the bottom left hand corner. Data can only be submitted once all data has been entered, until then, the 'Submit your results' button in the bottom right corner is not available and if selected, a message will appear indicating that the button will not work until all fields are completed, see figure 5.

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Select a reaction grade from the drop down list for each reagent. If the test was not performed, select 'Unable to test / Not tested'. Continue for each reagent including the control if one was used.

Select an Interpretation from the drop down menu, and when all data has been entered for Patient 1, click the 'Save Patient 1' button.

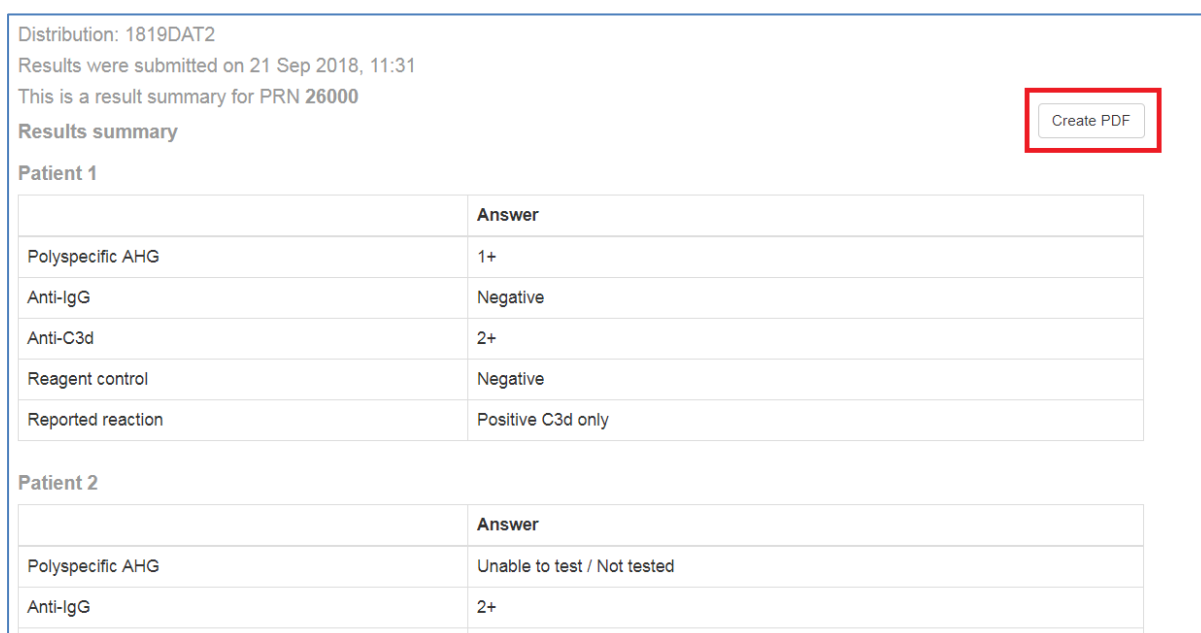
Enter data for Patients 2 by clicking on the button for that patient and entering data as previously described.

When all data has been entered (and checked as required), click on 'Submit your Results' in the bottom right corner, if any data is missing, the 'Submit button will not work and a message will be displayed.

A summary of all results will be displayed, this can be saved/printed as a pdf by clicking 'Create PDF' in the top right corner, see figure 6.

If any errors are seen on the summary, contact the scheme on [BTLP@UKNEQAS.ORG.UK](mailto:BTLP@UKNEQAS.ORG.UK) or +44 (0) 1923 217 933. Results can then be unlocked, allowing further modification.

**Figure 6** – Summary of results



Distribution: 1819DAT2  
Results were submitted on 21 Sep 2018, 11:31  
This is a result summary for PRN 26000

**Results summary**

**Patient 1**

	Answer
Polyspecific AHG	1+
Anti-IgG	Negative
Anti-C3d	2+
Reagent control	Negative
Reported reaction	Positive C3d only

**Patient 2**

	Answer
Polyspecific AHG	Unable to test / Not tested
Anti-IgG	2+

**Create PDF**

A summary of results can also be at a later date by logging on and clicking 'View Summary', as shown in figure 3.

### **Logging Off**

To Log off, click the initials in the top right corner and select 'Logout',

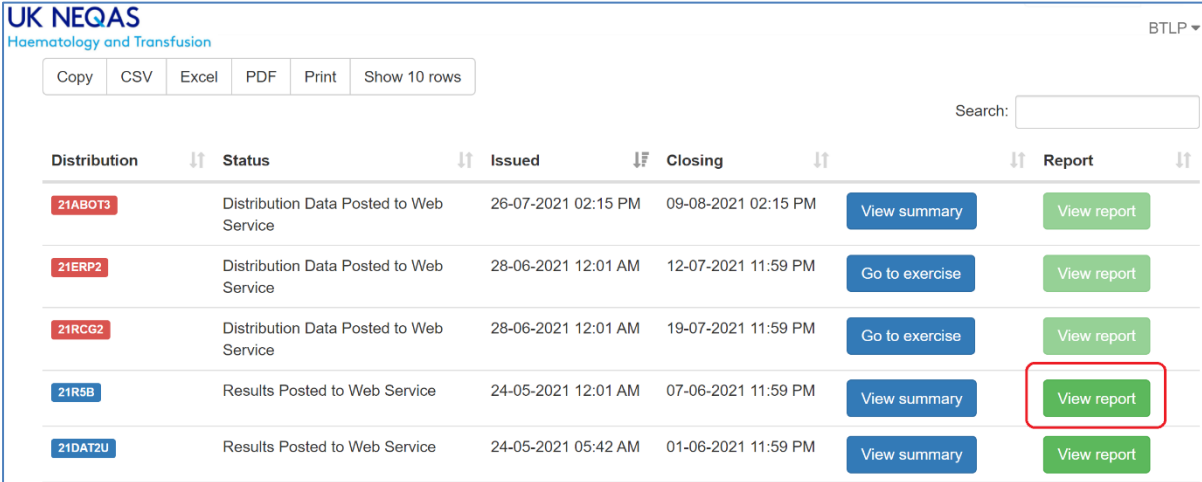
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## Accessing Reports

Log onto the system as shown on page 1 and find the correct exercise as shown on page 2.

Reports can be accessed once they are complete, the 'View Report' button will be dark green if the report is ready, or pale green if not yet available, see figure 9. An ABOT exercise is used in this example.

Figure 7 – Report available



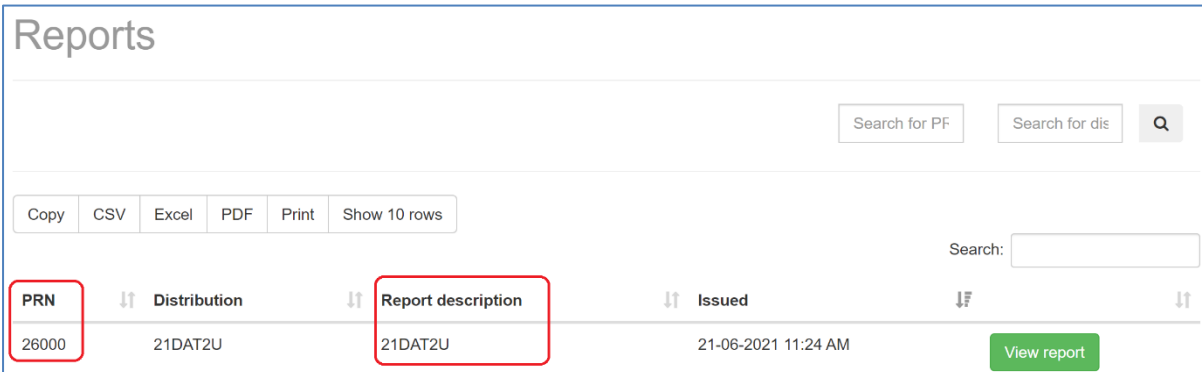
The screenshot shows the UK NEQAS Haematology and Transfusion interface. At the top, there are navigation buttons: Copy, CSV, Excel, PDF, Print, and Show 10 rows. A search bar is located on the right. Below the navigation is a table with columns: Distribution, Status, Issued, Closing, and Report. The table contains five rows of exercise data. The 'View report' button for the exercise 21R5B is highlighted with a red box.

Distribution	Status	Issued	Closing	Report
21ABOT3	Distribution Data Posted to Web Service	26-07-2021 02:15 PM	09-08-2021 02:15 PM	View summary View report
21ERP2	Distribution Data Posted to Web Service	28-06-2021 12:01 AM	12-07-2021 11:59 PM	Go to exercise View report
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21DAT2U	Results Posted to Web Service	24-05-2021 05:42 AM	01-06-2021 11:59 PM	View summary View report

Click on the 'View Report' button as shown in figure 7, and a list of reports for that exercise will be displayed.

Usually only one report will be available, but if the email address linked to the account used to log in is related to more than one PRN, all reports will be available on the screen. Amended reports will also be visible if applicable. Check the PRN and Report Description as shown in figure 8 to find the correct report.

Figure 8 – Identifying the required report



The screenshot shows the Reports interface. At the top, there are search filters: Search for PF, Search for dis, and a search icon. Below the search filters are navigation buttons: Copy, CSV, Excel, PDF, Print, and Show 10 rows. A search bar is located on the right. Below the navigation is a table with columns: PRN, Distribution, Report description, Issued, and Report. The PRN and Report description columns are highlighted with red boxes.

PRN	Distribution	Report description	Issued	Report
26000	21DAT2U	21DAT2U	21-06-2021 11:24 AM	View report

The report will be displayed on screen, to print or save a pdf copy, click on the 'Create PDF for this report' button in the top right corner as shown in figure 9.

Figure 9 – Saving / printing the report

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## Printable report

1819ABOT1 - 1819ABOT1 report

Create PDF for this report

**UK NEQAS**  
Haematology and Transfusion

ABO Titration  
Blood Transfusion Laboratory Practice

Laboratory: 26000

Distribution: 1819ABOT1

Date: 08-05-2018

### Introduction

This was the first exercise in the 2018-19 cycle of the ABOT scheme. Participants were requested to titrate anti-A in three plasma samples against the A<sub>1</sub> red cells provided. The