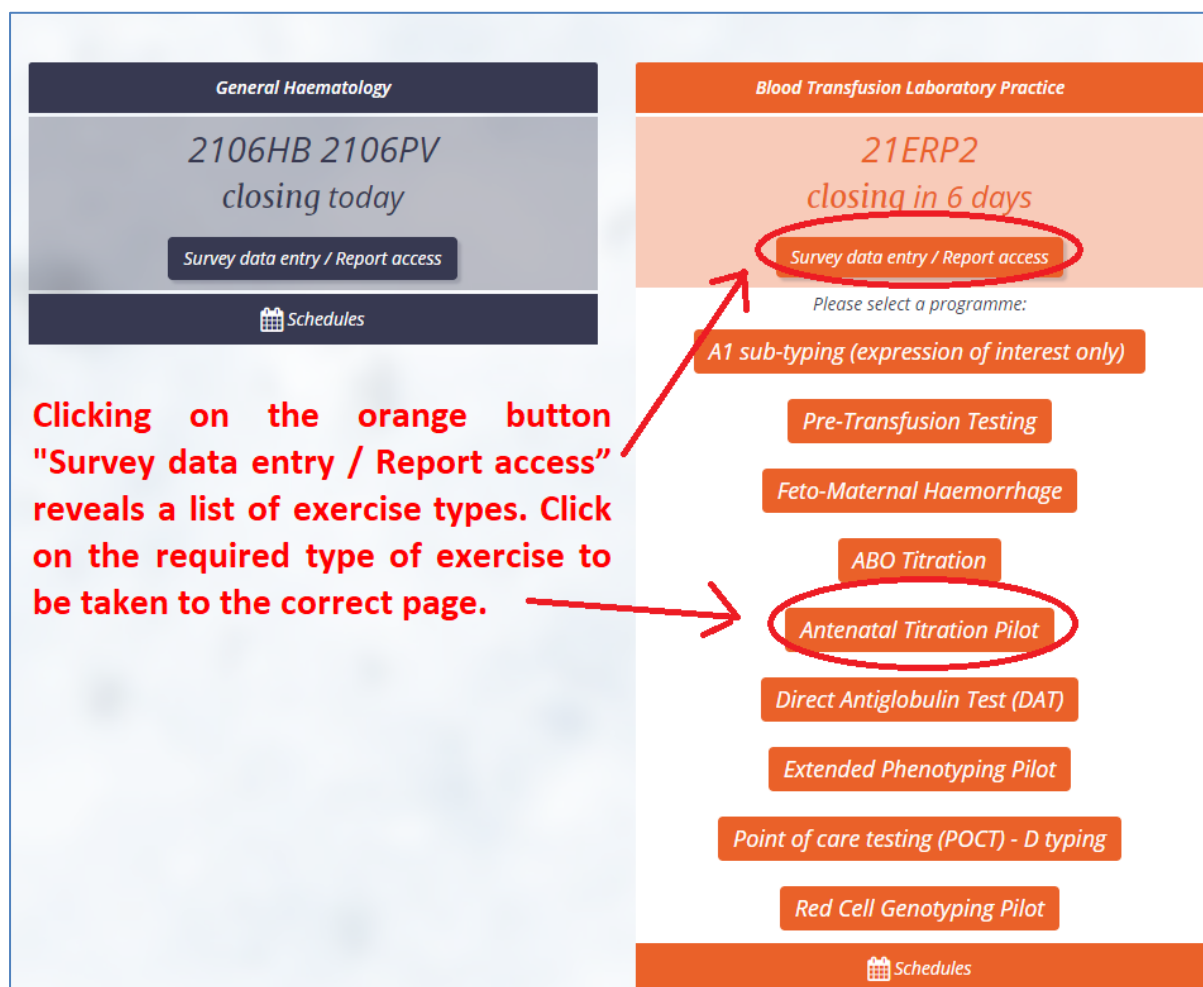


Antenatal Titration - Web return of results

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



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

Lab Code / PRN or Email: 26000

Identity: 12345

Password:

Login Reset your password

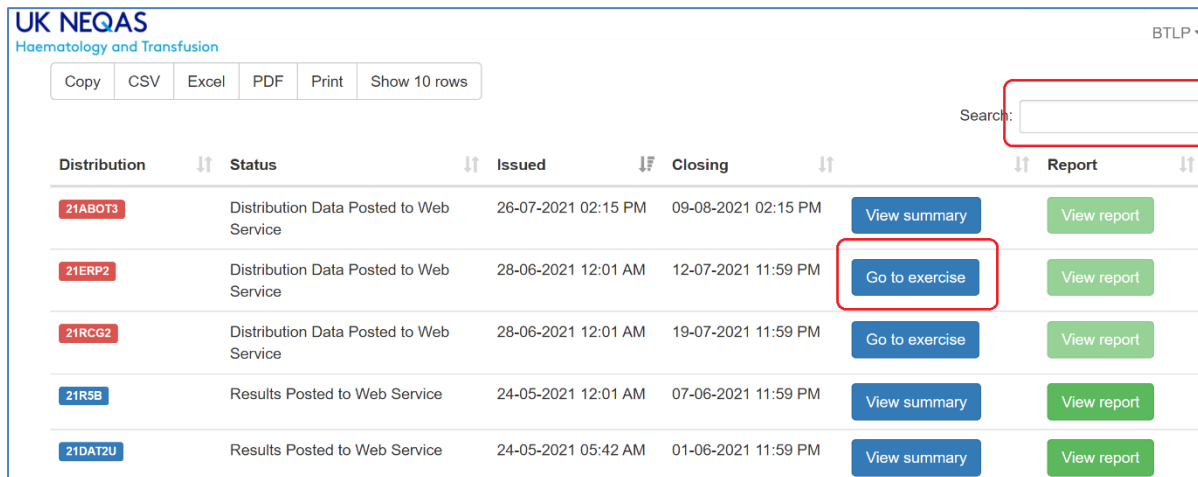
Please note that the Reset your password link will send an email to the registered contact. If that person is unavailable to reset the password, contact UK NEQAS for assistance.

Antenatal Titration - Web return of results

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. "RCG2", or "ERP"), an ERP exercise is shown below.

Figure 3 – Navigating the list of exercises



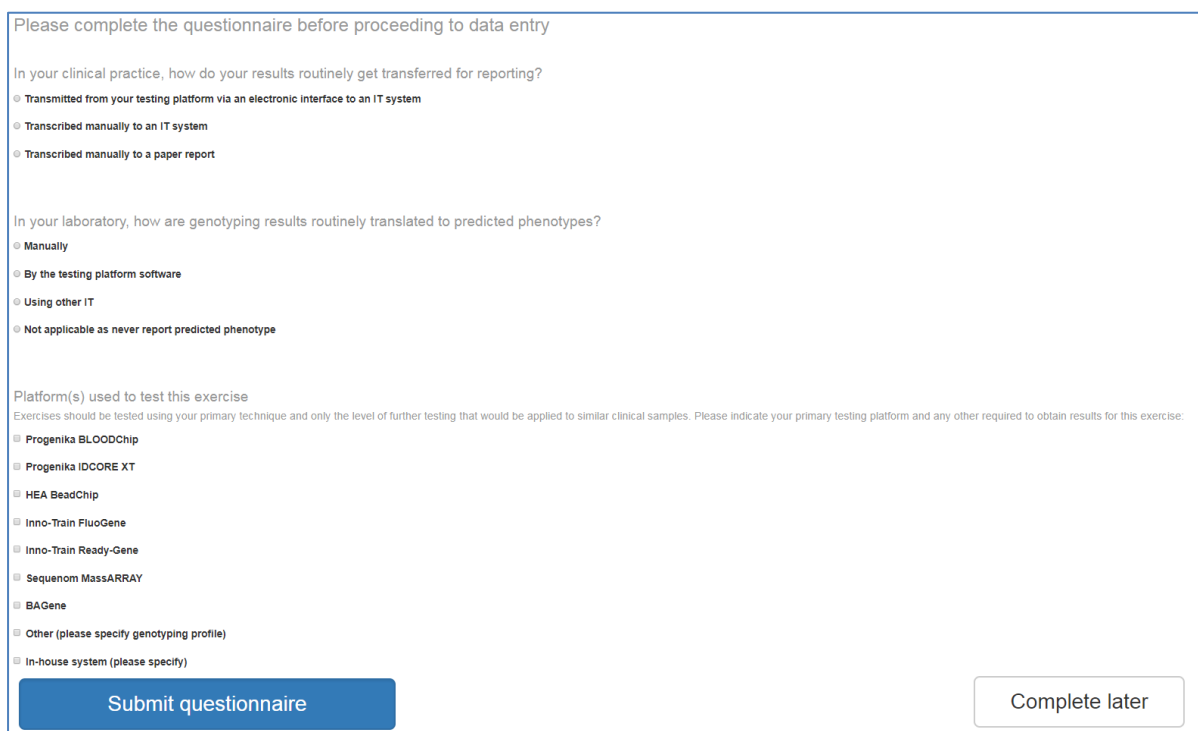
Distribution	Status	Issued	Closing	Report
21ABOT3	Distribution Data Posted to Web Service	26-07-2021 02:15 PM	09-08-2021 02:15 PM	View summary View report
21ERP2	Distribution Data Posted to Web Service	28-06-2021 12:01 AM	12-07-2021 11:59 PM	Go to exercise View report
21RCG2	Distribution Data Posted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

Data entry

Occasionally a short questionnaire will be linked to an exercise, an example of a genotyping questionnaire is shown in figure 4, this will be displayed prior to the data entry page. The questionnaire may be skipped by clicking on 'Complete later' to allow direct access to the data entry section. The questionnaire can be accessed later by clicking on the 'Complete Questionnaire' button as shown in figure 3

Figure 4 – Questionnaire



Please complete the questionnaire before proceeding to data entry

In your clinical practice, how do your results routinely get transferred for reporting?

- ☐ Transmitted from your testing platform via an electronic interface to an IT system
- ☐ Transcribed manually to an IT system
- ☐ Transcribed manually to a paper report

In your laboratory, how are genotyping results routinely translated to predicted phenotypes?

- ☐ Manually
- ☐ By the testing platform software
- ☐ Using other IT
- ☐ Not applicable as never report predicted phenotype

Platform(s) used to test this exercise

Exercises should be tested using your primary technique and only the level of further testing that would be applied to similar clinical samples. Please indicate your primary testing platform and any other required to obtain results for this exercise:

- ☐ Progenika BLOODChip
- ☐ Progenika IDCORE XT
- ☐ HEA BeadChip
- ☐ Inno-Train FluGene
- ☐ Inno-Train Ready-Gene
- ☐ Sequenom MassARRAY
- ☐ BAGene
- ☐ Other (please specify genotyping profile)
- ☐ In-house system (please specify)

[Submit questionnaire](#) [Complete later](#)

Antenatal Titration - Web return of results

Figure 5 shows the data entry screen. Enter the 'Date Received' and 'Assay Date' by typing in the box, or using the calendar function. Underneath the dates section, there are questions related to the testing methods used, also shown in figure 5. Select the appropriate responses, and add free text if "other" is selected.

Figure 5 – Entering dates, and testing questions

When the overall questions are completed, click on the 'Sample 1' button to enter data for the first sample. ANT exercises usually only have one sample, but if more than one sample is used, results can be entered for each sample by clicking on the tabs as shown in figure 6.

The sample quality question is above the other data entry fields (see figure 6), 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 6 – Determining which sample is being resulted, and sample quality

It is possible to save data for each sample by clicking the orange 'Save Sample x' button in the bottom left hand corner see figure 7. Data can only be submitted once all mandatory 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.

Figure 7 – Save and submit

Antenatal Titration - Web return of results

Select a reaction grade, or “Not tested” for each dilution, then enter the ‘Titre reported’ as a dilution used (e.g. 4,8,16...), the Titre score (if used), and the zygosity of the cell used. ‘Titre reported’ is a mandatory result, see figure 8.

Figure 8 – Titre results

1	<input type="text" value="4"/>
2	<input type="text" value="4"/>
4	<input type="text" value="4"/>
8	<input type="text" value="4"/>
16	<input type="text" value="4"/>
32	<input type="text" value="0"/>
64	<input type="text" value="Select an answer..."/>
128	<input type="text" value="Select an answer..."/>
256	<input type="text" value="Select an answer..."/>
512	<input type="text" value="Select an answer..."/>
1024	<input type="text" value="Select an answer..."/>
2048	<input type="text" value="Select an answer..."/>
<hr/>	
Titre reported	<input type="text" value="32"/>
Titre score (if used)	<input type="text" value="Type your result"/>
What was the zygosity (for the relevant antigen), of the red cells used for this titration?	<input type="text" value="Select an answer..."/>

After the titre results section, there are some questions related to clinical follow up. Complete these as fully as possible, see figure 9. These questions are specific to each sample, so need to be completed for each sample tested.

Figure 9 – Additional questions

Titre reported	<input type="text" value="32"/>
Titre score (if used)	<input type="text" value="Type your result"/>
What was the zygosity (for the relevant antigen), of the red cells used for this titration?	<input type="text" value="Heterozygous (single dose)"/>
<hr/>	
In the scenario outlined in the instruction sheet, would you refer this case to a fetal medicine specialist?	<input type="text" value="Select an answer..."/>
If no referral is made at what titre would you refer?	<input type="text" value="Type your result"/>
<hr/>	
In the scenario outlined in the instruction sheet, would you refer this case to a reference laboratory for advice or confirmation?	<p><input type="radio"/> Yes</p> <p><input type="radio"/> We are a reference laboratory</p> <p><input type="radio"/> No (please state reason)</p>
If requesting a repeat sample, when would you request the first repeat sample ?	<p><input type="radio"/> In 2 weeks time</p> <p><input type="radio"/> In 4 weeks time</p> <p><input type="radio"/> At 28 weeks</p> <p><input type="radio"/> Other please specify</p>

Enter data for Sample 2 if required, by clicking on the ‘Sample 2’ button and entering data as previously described.

Antenatal Titration - Web return of results

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 10.

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

Figure 10 – Summary of results

22ANT2	
Create PDF for this report	
UK NEQAS Haematology and Transfusion	Antenatal Titration Pilot Blood Transfusion Laboratory Practice Results summary for 22ANT2
Laboratory:	
Technique	
Technology	
What did you use to make the plasma dilutions?	
Are your plasma dilutions made by :	
Did you perform testing exactly as described in the product insert for your technology?	
Results summary for Sample 1 (20/40)	
	Answer
1	2
2	2
4	2
8	1
16	0
32	0

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',

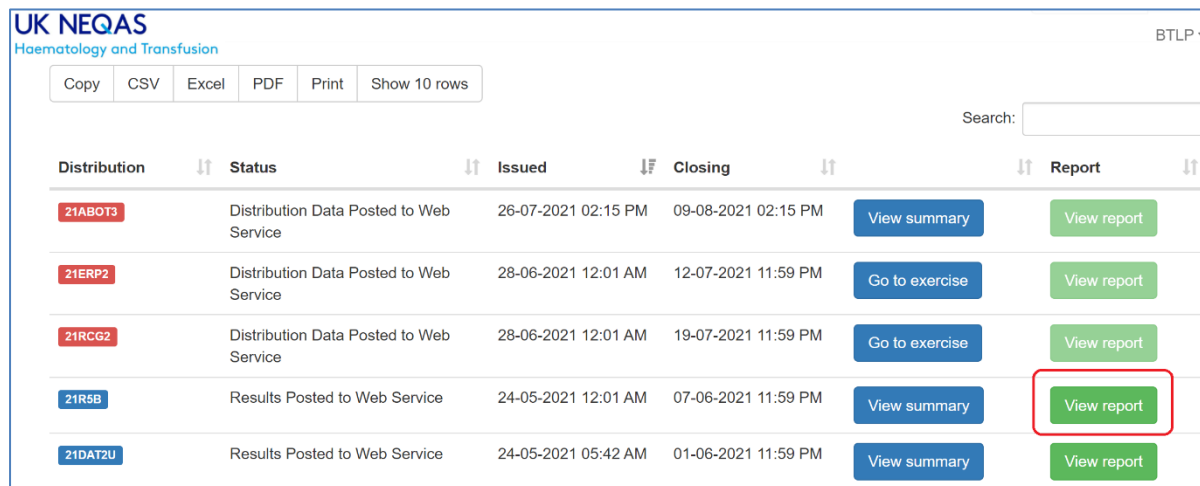
Antenatal Titration - Web return of results

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 11. An ABOT exercise is used in this example.

Figure 11 – Report available

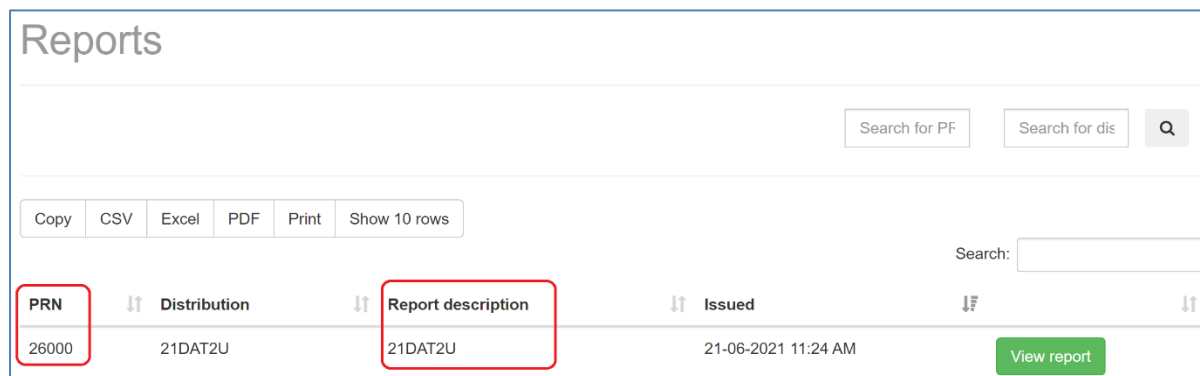


Distribution	Status	Issued	Closing	Report
21ABOT3	Distribution Data Posted to Web Service	26-07-2021 02:15 PM	09-08-2021 02:15 PM	View summary View report
21ERP2	Distribution Data Posted to Web Service	28-06-2021 12:01 AM	12-07-2021 11:59 PM	Go to exercise View report
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21R5B	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 the 'View Report' button as shown in figure 11, 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 12 to find the correct report.

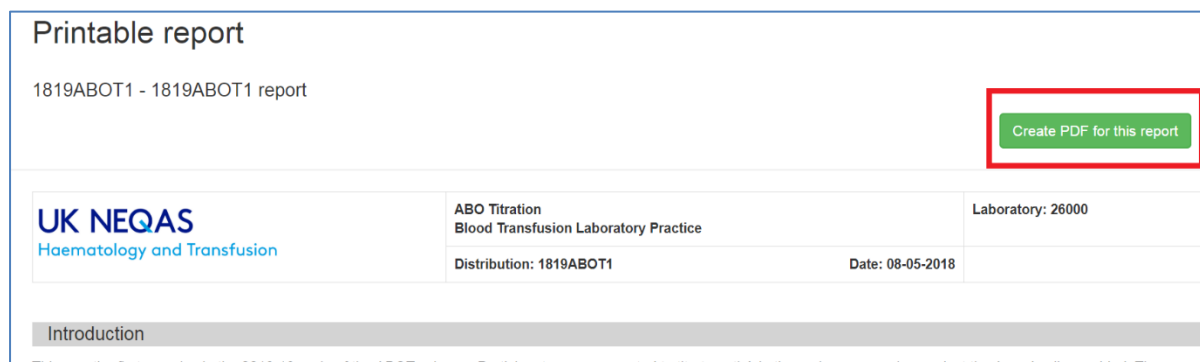
Figure 12 – Identifying the required report



PRN	Distribution	Report description	Issued	
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 13

Figure 13 – Saving / printing the report



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 A₁ red cells provided. The