

UK NEQAS BTLP Antenatal Antibody Titration (ANT) Pilot Scheme

Exercise Instructions 26ANT4

Distributed on 19/10/26 – Closing on 29/10/26

Material provided – refer to the COSHH sheet provided for handling instructions

https://haembtbp.ipassportqms.com/document_download/NTM4NDMxZDMtOGI4NS00Mzg0LTk5MDItODU5ZDA0M2YwYjg3

- **Plasma samples** – centrifuge prior to use
 - A plasma sample, labelled Sample 1, requiring antibody titration
 - Taken from a woman during routine screening at 12 weeks gestation.
 - The woman's obstetric history is G1 P0+0.
 - This sample has a positive antibody screen and anti-C+D have been identified.
 - The woman's partner has been found to be homozygous for the C and D antigens.

Testing and Recording Results

Samples should be treated as per clinical samples.

- Sample 1 Titrate anti-C using the IAT technology you would use with a similar clinical sample.
- Sample 1 Titrate anti-D using the IAT technology you would use with a similar clinical sample

For each antibody select a suitable cell from your local stock of reagents with which to undertake the antibody titration.

Record the technology used, the reaction strength for each dilution tested the titre reported, and the last position dilution. If using more than one technology, please record the results for the primary technology used to report clinical results.

Return of results

Please enter your results via <https://www.ukneqasbtlp.org/distribution> and ensure that you have clicked the 'Submit' button on the data entry page. At this stage, a summary of the results submitted will be displayed, and can be printed for checking and as a record of submission. Any change after this time (and before the closing date) will require a request to the scheme to re-set the web page for re-submission.

The distribution will be closed on the web on the published closing date / time, and all results 'saved' but not 'submitted' will be collected and assessed.

Instructions for using the data entry website can be found at the link below.

https://haembtbp.ipassportqms.com/document_download/NzlhMjM2MjYtZDk0Zi00NTY1LTk3NTgtZDNINGQ2ZjJmYWWE5

If you have any problems with the exercise material or any queries regarding completion of the exercise or submission of results, please contact the BTLP team for advice.

Additional Information

Please titrate these antibodies even if you normally would not do so.