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UK NEQAS BTLP Extended Red Cell Phenotyping (ERP) Programme

Exercise Instructions 26ERP4

Distributed on 23/11/2026 – Closing on 07/12/2026

Material provided
Please refer to the COSHH sheet provided for all Health and Safety aspects of the samples.
https://haembtlp.ipassportqms.com/document_download/M2ZlYWMzMTEtNTYwNi00YjEzLTg3YTItYTNmMzAzN2FiMGY5

Two red cell samples (15-30% in Alsever's solution) representing samples from previously untransfused patients that require phenotyping to facilitate long term transfusion support. These cells should be prepared for use in the appropriate diluent.

Testing and Recording Results
Undertake red cell phenotyping in the same way as you would for a similar clinical sample for all of the following antigens that you would include in clinical practice:

D, Cc, Ee, MN, Ss, Kk, Fy^a, Fy^b, Jk^a, Jk^b

- Record for each antigen tested, the reaction grade obtained (optional).
- Record for each antigen tested, the interpretation made (**mandatory**).
- Record any technique / reagent details (optional).

Return of results

Please enter your results via www.ukneqasbtlp.org 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
https://haembtlp.ipassportqms.com/document_download/Njk4MDAxMWMtZmUyMy00OGM5LWI1NjQtYzVlNDJjNTA3NDQw

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

None for this exercise