

# Automating EQA data return

## LabgnosticEQA

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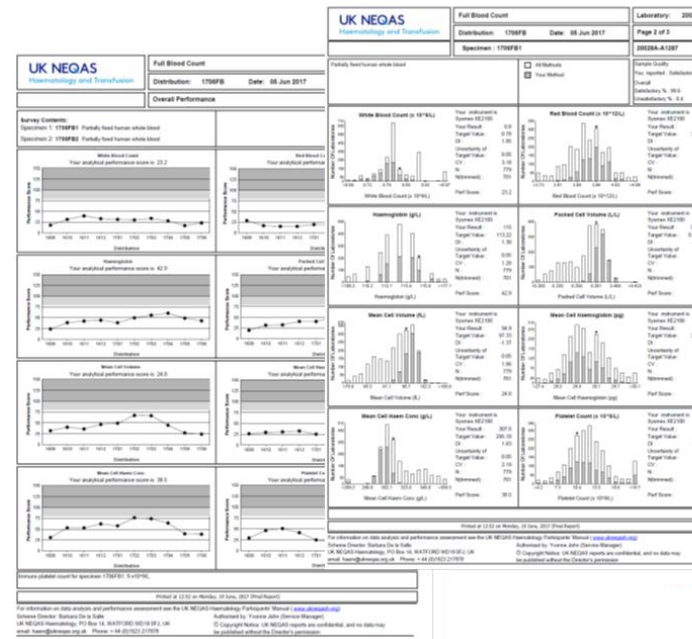
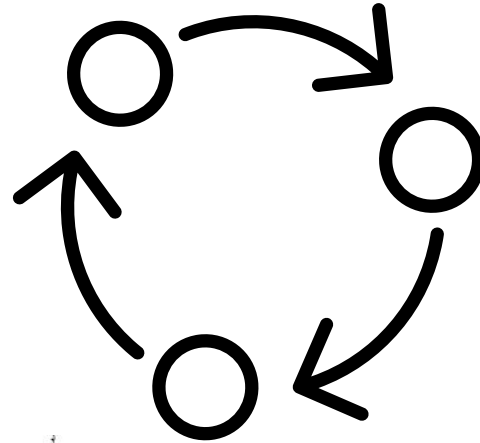
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**50** Years as World  
Leaders in EQA  
1969–2019

**UK NEQAS**  
Education | Quality | Global

# The UK NEQAS cycle



# Principles of EQA

EQA samples are to be treated in the same way as a patient's sample...as far as is practically possible

# Why this doesn't always work for EQA

- Many labs now using 'order comms' systems for clinical requests
- Some EQA specimens must be run in "QC mode" not "patient mode" on automated analysers
- Labs must manually transfer results from either their automated analyser or LIMS to the UK NEQAS data entry website
  - Time-consuming for participants
  - Risk of making data entry errors

# What is LabgnosticEQA?

- Formerly known as 'NPEX', LabgnosticEQA is a product developed by X-Lab Ltd.
- Enables laboratories to digitally connect directly to their EQA/PT providers, eliminating manual processing and creating a more efficient and accurate EQA/PT workflow.
- They offer seamless integration of a laboratory's LIMS with UK NEQAS which will enable scientific staff to handle EQA specimens in the same way as normal patient specimens.

UK NEQAS  
Haematology and Transfusion



EQA/PT  
Provider System

Request message



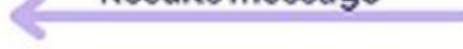
Results message



Request message



Results message

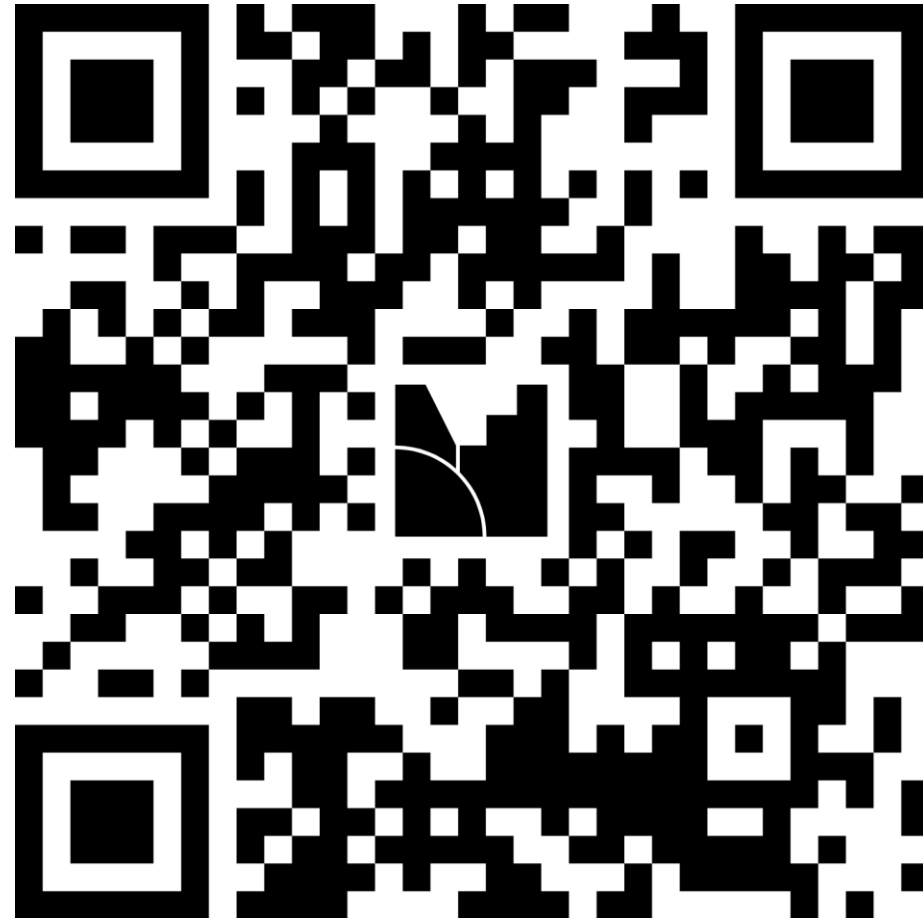


Performer



Scheme Participant  
Laboratory System

# Quick Poll



# Which EQA programmes?

The following programmes are currently set up to return results using this platform:

- Full Blood Count (FB)
- Automated Differential Leucocyte Count (DL)
- Reticulocyte Count (RE)

Went live in January 2025

There is a plan to roll out more programmes in the future



# Limitations (1)

- Patient Mode vs QC Mode

The LabgnosticEQA platform only works with specimens that are run in patient mode (i.e. processed in the same way as patient specimens) on automated cell counting analysers.

Any specimens that have specific instructions to run the specimen in QC mode (or as a quality control specimen) are not compatible with the LabgnosticEQA system.

# Limitations (2)

- Reporting MCHC

Not all laboratories report MCHC results clinically, so while the FBC instrument returns a value for MCHC it is not always sent across to LIMS.

LabgnosticEQA does not automatically upload the MCHC result with FBC.

# Current Participant Subscriptions

- FB Programme:  
7 participants, 28 instruments
- DL Programme:  
2 participants, 4 instruments
- RE Programme:  
5 participants, 12 instruments

# Why subscribe to LabgnosticEQA?

- One step closer to treating EQA specimens as patient specimens
- Reduce the risk of transcription errors
- Improved efficiency in processing EQA specimens
- X-Lab will support with the setup – they will provide access to a knowledge and service desk for queries
- Onboarding is quick and configuration straightforward


# How to subscribe to LabgnosticEQA


- Register with LabgnosticEQA first
- Email UK NEQAS team to inform us of your interest in using this platform to automate your results return
- UK NEQAS team will review your current registration and advise further

*Speak to the LabgnosticEQA Team in the exhibition hall today for further info*


# Contact Us

To learn more and book some time with a dedicated team member, please see below.

 [www.x-labsystems.com](http://www.x-labsystems.com)

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# Thank you for listening!

