

UK NEQAS Manufacturer's Proforma

Guidance for Providing Instructions on Running UK NEQAS EQA Material on Haematology Analysers



Title

Instructions for Running UK NEQAS FB and DL EQA Samples on ADVIA 2120 and ADVIA 2120i Systems

Analysis Instructions

To ensure accurate white cell count and differential results when analysing UK FBC/ADLC EQA samples, please follow these steps to temporarily disable the nRBC reporting function:

Step 1: Access the Morphology Flagging Configuration

- From the main menu, select:
Customise > System Setup > Morphology Flagging
- In the *Morphology Flagging Configuration* window, locate the **Report NRBC Results** check box.
- Untick (disable)** this box.

Step 2: Save and Return to Routine Operations

- Click **Save**.
- Go to:
Operations > Log On / Log Off
- Log on using the correct **Operator ID** before running the UK NEQAS(H) samples.

An example of the Morphology Flagging Configuration window is shown below.

Flag Name	Default			Customized			Limits	Suppress	Applied Settings
	*	**	***	*	**	***			
HGB Variation	3.40	4.00	4.60	3.40	4.00	4.60	0 - 10.00 g/dL	☐	Default
Hypochromia	4.00	8.00	12.00	4.00	8.00	12.00	0 - 100%	☐	Default
Hyperchromia	4.00	8.00	12.00	4.00	8.00	12.00	0 - 100%	☐	Default
Blasts	1.50	5.00	10.00	1.50	5.00	10.00	0 - 100%	☐	Default
Left Shift	1.90	1.90	1.20	1.90	1.90	1.70	1.33 - 5	☐	Default
Immature Granulocytes	5.00	7.50	10.00	5.00	7.50	10.00	0 - 100%	☐	Default
Atypical Lymphocytes	4.50	7.50	10.00	4.50	7.50	10.00	0 - 100%	☐	Default
Large Platelets	10.00	12.00	14.00	10.00	12.00	14.00	0 - 100%	☐	Default
NRBC								☐	Default

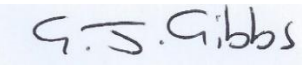
Default Triggering Condition
RDW >= 16.0%

☒ Report NRBC Results

Save Restore Defaults Print ? Help

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	Step 3: Restore Routine Settings After completing the analysis of the UK NEQAS(H) FBC/ADLC samples: 1. Return to Customise > System Setup > Morphology Flagging. 2. Re-enable the Report NRBC Results check box. 3. Click Save to restore normal operation. Note: Laboratories that do not routinely report nRBCs do not need to make any software changes before running the FBC/ADLC samples.
Additional Notes:	Disabling the nRBC reporting function is required only for EQA samples. This adjustment has no impact on the analyser's ability to enumerate and report nRBC counts for human samples. The ADVIA 2120 and ADVIA 2120i Haematology Systems are FDA-approved for nRBC reporting during routine FBC and differential testing. However, if the nRBC parameter remains enabled, the analyser may produce inaccurate WBC and differential results on UK NEQAS(H) samples due to the material used in EQA sample manufacture. Therefore, temporarily disabling the nRBC method ensures accurate performance on UK NEQAS(H) FBC/ADLC surveys.
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Document Control	○ Reference details/ number: ECD532 ○ Version number: 4.0 ○ Authorisation date: 17/10/2025