
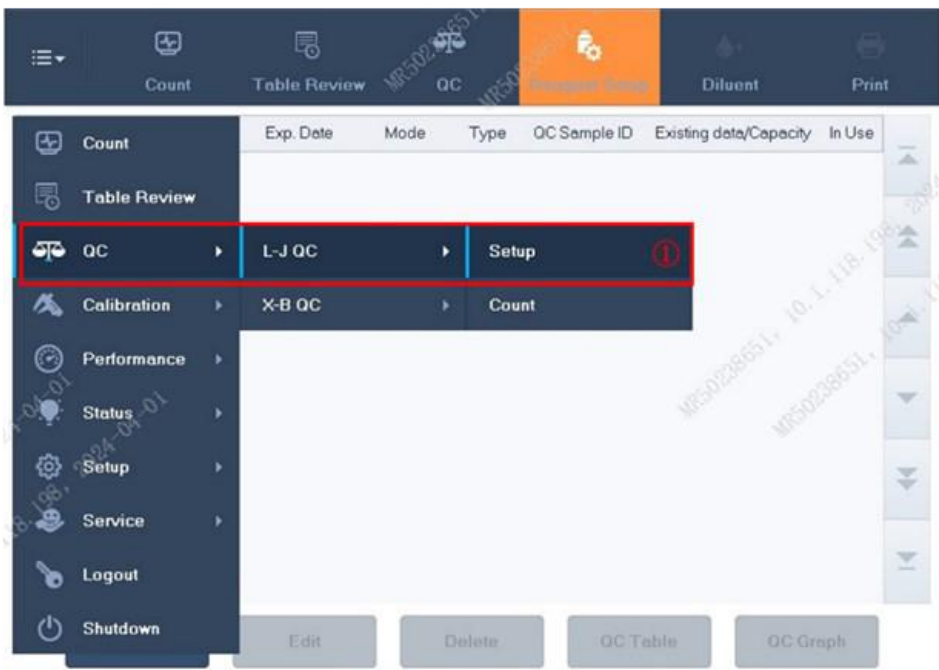


UK NEQAS Manufacturer's Proforma Template

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

	
Title	Instructions for running the UK NEQAS EQA Samples on the Mindray BC&BP series analysers
Analysis Instructions	<p>Before you start</p> <ol style="list-style-type: none"> Follow the EQA sample instruction to store, mix and handle the specimens. Carry out daily quality control confirmation to ensure the instrument is in control. Read the following instruction and test the EQA sample according to it. <p>Mindray BC-6XXX series/7XX series/7300 series/7500 series (FB, DL, RE, ESX analysis);</p> <ol style="list-style-type: none"> Full Blood Count Sample (FB programme) Please run the FBC Sample as a normal patient sample. ADLC Sample (DL programme) <ol style="list-style-type: none"> Use 'administrator' account. Create correspond "QC" file. Use "CD" Test Panel through "WB" mode, select "Others" type, no need to enter target value. Enter the "QC" menu and select the QC file you create. Run the ADLC Sample. 

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Lot No. ③ Level Exp. Date

Mode Type QC Sample ID

Test Panel In Use Communication ID

Parameter	Target	Limit (#)	Parameter	Target	Limit (#)
WBC			HGB-O		
Neu#			PLT-O		
Lym#			PLT-I		
Mon#			WBC-O		
Eos#			WBC-D		
Bas#			TNC-D		
IMG#			WBC-N		
Neu%			TNC-N		

Import File Set Limits Return ④

3. Reticulocyte Count Sample (RE programme)

- Use 'administrator' account. Create correspond "QC" file.
- Use "RET/CR/CDR" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
- Enter the "QC" menu and select the QC file you create.
- Run the RE Sample.

4. ESR Sample (ESX programme)

- Use 'administrator' account.
- Create correspond "QC" file. Use "ESR" Test Panel through "WB" mode, select "Latex" type, no need to enter target value.
- Enter the "QC" menu and select the QC file you create.
- Run the ESR Sample

BC-7600/7800/7900 (FB, DL, RE, ESX analysis); **Mindray BP 200n/260n** (ESX analysis only);

1. Full Blood Count Sample (FB programme)

Please run the FBC Sample as a normal patient sample.

2. ADLC Sample (DL programme)

- Use 'administrator' account. Create correspond "QC" file.
- Use "CD" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
- Enter the "QC" menu and select the QC file you create.
- Run the ADLC Sample

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mindray Next sample: 1 AL-WB-CD Development 10-17-2024 10:53

Count Table Review

Parameter	Result	Unit	Parameter	Result	Unit
WBC	6.94	10 ⁹ /L	RBC	5.14	10 ¹² /L
Neu#	4.25	10 ⁹ /L	HGB	149	g/L
Neu%	1.83	10 ⁹ /L	HCT	0.469	L
Plt#	0.27	10 ⁹ /L	MCV	91.3	pg
Eos#	0.51	10 ⁹ /L	MCH	29.1	pg
Bas#	0.08	10 ⁹ /L	MCHC	318	g/L
IMG#	0.08	10 ⁹ /L	RDW-CV	0.142	%
Neu%	0.612	%	RDW-SD	47.9	fL
Lym%	0.263	%	HDW		g/L
Mon%	0.039	%	MCHm		pg
Eos%	0.074	%	HYPO-CH%		%
Bas%	0.012	%	HYPER-CH%		%
IMG%	0.011	%	Micro%	0.8	%
Neu-X	343.7	R	Macro%	4.3	%
Neu-Y	436.7	R	RET#		10 ¹² /L
Mon-X	248.4	R	RET%		%
PLT	329	10 ⁹ /L	IRF		%
MPV	11.4	fL	LFR		%
PDW	16.7	fL	MFR		%
PCT	3.75	mL/L	HFR		%
P-LCC	123	10 ⁹ /L	RHE		pg
P-LCR	37.4	%	MCVr		fL
IPF		%	DELTA-CH		pg
IPF#		10 ⁹ /L	MCHr		pg
			NRBC#	0.027	10 ⁹ /L
			NRBC%	0.39	/100WBC
			ESR		mm/h

Sample ID: 22#RBC-BD-20
Time: 10-17-2024 10:28
Mode: AL-WB-CD
Tube Pos: 5-10

Message Graph1 Graph2 Graph3

Left Shift? WBC RBC
Lipid Particles?

PLT
PLT Clump?

ESR

Mode STAT Other Para.

mindray Development 10-17-2024 10:53

Overview

L-J QC (2)

L-J QC Setup L-J Count L-J QC Table L-J QC Graph

X-B QC

X-B Setup X-B QC Table X-B QC Graph

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Screenshot 1: Overview/L-J Setup

File No.	Lot No.	Level	Exp. Date	Mode	Type	QC Sample ID	sting Data/Capa	In Use
1*	061901	Low	12-12-2024	CT-WB	Latex	L1	0/372	<input type="checkbox"/>
2	SJZP-1	Low	12-12-2024	CT-WB	Latex		25/372	<input type="checkbox"/>
3	SJZP-2	Normal	12-12-2024	CT-WB	Latex		23/372	<input type="checkbox"/>
4	SJZP-3	High	12-12-2024	CT-WB	Latex		21/372	<input type="checkbox"/>
5	MB0924AL	Low	11-10-2024	AL-WB	Others	MB0924AL	20/372	<input checked="" type="checkbox"/>
6	MB0924AN	Normal	11-10-2024	AL-WB	Others	MB0924AN	21/372	<input checked="" type="checkbox"/>
7	MB0924AH	High	11-10-2024	AL-WB	Others	MB0924AH	31/372	<input checked="" type="checkbox"/>
8	MB0924AL-1	Low	11-10-2024	CT-Micro WB	Others		46/372	<input checked="" type="checkbox"/>
9	MB0924AN-2	Normal	11-10-2024	CT-Micro WB	Others	MB0924AN-2	23/372	<input checked="" type="checkbox"/>

Position/Total 1 / 13

Return New Edit Delete

Screenshot 2: Overview/L-J Setup

File No. 15

Lot # [] Mode AL-WB In Use [] QC Samg []

Exp. D 12 - 30 - 2024 Level Normal Test Pan CD Type Others Commun []

Parameter	Target	Limit (#)	Parameter	Target	Limit (#)
WBC			NLR		
Neut#			PLR		
Lym#			InR#		
Mon#			InR%		
Eos#			Micro#		
Bas#			Macro#		
IMG#			RPI		

Return Import File Set Limits

3. Reticulocyte Count Sample (RE programme)

- Use 'administrator' account. Create correspond "QC" file.
- Use "RET/CR/CDR" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
- Enter the "QC" menu and select the QC file you create.
- Run the RE Sample

4. ESR Sample (ESX programme)

- Use 'administrator' account. Create correspond "QC" file.
- Use "ESR" Test Panel through "WB" mode, select "Latex" type, no need to enter target value.

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- c. Enter the "QC" menu and select the QC file you create.
- d. Run the ESR Sample.

Mindray BC-5 series (FB, DL analysis);

1. Full Blood Count Sample (FB programme)
Please run the FBC Sample as a normal patient sample.
2. ADLC Sample (DL programme)
 - a. Use 'administrator' account.
 - b. Create correspond "QC" file.
 - c. Enter the "QC" menu and select the QC file you create.
 - d. Run the ADLC Sample.

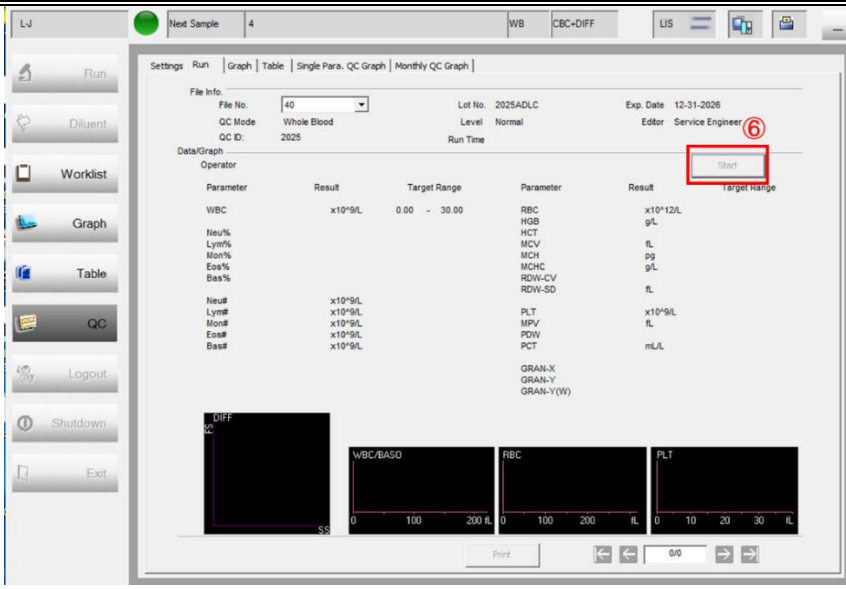
(The following figure takes BC-5300 as an example.)

The screenshot displays the Mindray BC-5300 Auto Hematology Analyzer interface. The left sidebar contains a menu with options: Run, Diluent, Worklist, Graph, Table, QC (highlighted with a red box and circled in red), Logout, Shutdown, and Exit. The main display area shows a large graph with a red curve. Below the graph, the 'QC' menu is open, showing a 'File Info' section with fields for File No. (40), Lot No. (2025ADLC), Exp. Date (12-31-2025), QC Mode (Whole Blood), Level (Normal), and Editor (Service Engineer). The 'QC ID' is 2025. Below this is a 'Target/Limits' table with columns for Parameter, Target, and Limits (#). The table is divided into two sections: 'Parameter' and 'Limits (#)'. The 'Parameter' section lists WBC, Neu%, Lym%, Mon%, Eos%, Bas%, Neu#, Lym#, Mon#, Eos#, and Bas#. The 'Limits (#)' section lists RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, GRAN-X, GRAN-Y, and GRAN-Y(W). The 'Save' button is highlighted with a red box and circled in red.

Parameter	Target	Limits (#)
WBC	15.00	15.00
Neu%		
Lym%		
Mon%		
Eos%		
Bas%		
Neu#		
Lym#		
Mon#		
Eos#		
Bas#		

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Additional Notes:	<p>~</p>
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