

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
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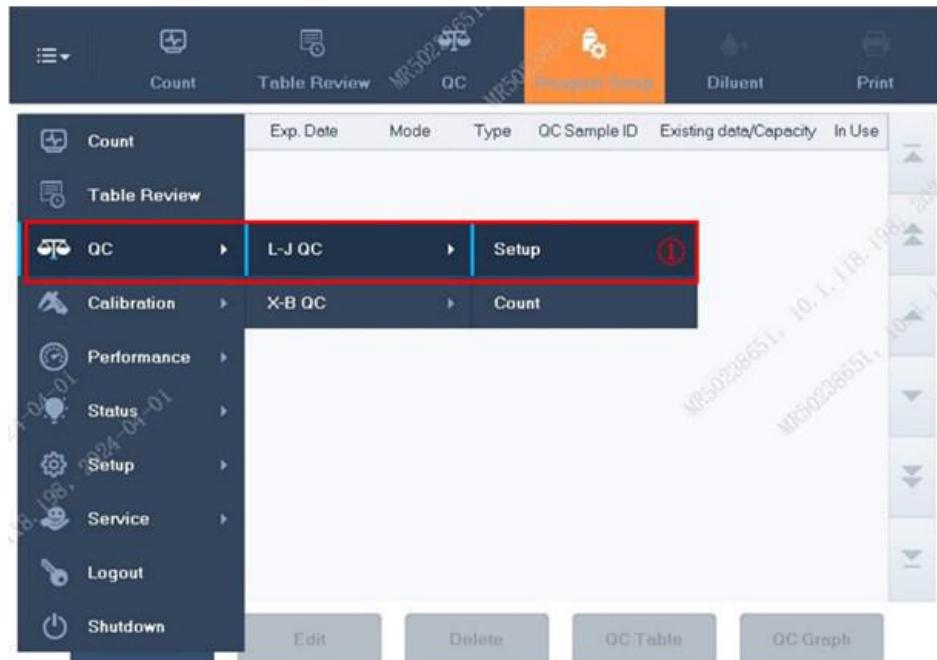
Analysis Instructions

Before you start

1. Follow the EQA sample instruction to store, mix and handle the specimens.
2. Carry out daily quality control confirmation to ensure the instrument is in control.
3. Read the following instruction and test the EQA sample according to it.

Mindray BC-6XXX series/7XX series/7300 series/7500 series (FB, DL, RE, ESX 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. Use "CD" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
 - d. Enter the "QC" menu and select the QC file you create.
 - e. Run the ADLC Sample.



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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		

3. Reticulocyte Count Sample (RE programme)
 - a. Use 'administrator' account. Create correspond "QC" file.
 - b. Use "RET/CR/CDR" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
 - c. Enter the "QC" menu and select the QC file you create.
 - d. Run the RE Sample.
4. ESR Sample (ESX programme)
 - a. Use 'administrator' account.
 - b. Create correspond "QC" file. Use "ESR" Test Panel through "WB" mode, select "Latex" type, no need to enter target value.
 - c. Enter the "QC" menu and select the QC file you create.
 - d. 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)
 - a. Use 'administrator' account. Create correspond "QC" file.
 - b. Use "CD" Test Panel through "WB" mode, select "Others" type, no need to enter target value.
 - c. Enter the "QC" menu and select the QC file you create.
 - d. Run the ADLC Sample

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Count Table Review

Parameter Result Unit Parameter Result Unit

Parameter	Result	Unit	Parameter	Result	Unit
WBC	6.94	$10^9/L$	RBC	5.14	$10^{12}/L$
Neut%	& R 4.25	$10^9/L$	HGB	149	g/L
Lym%	& 1.83	$10^9/L$	HCT	0.469	
Mon%	0.27	$10^9/L$	MCV	91.3	fL
Eos%	R H 0.51	$10^9/L$	MCH	29.1	pg
Bas%	0.08	$10^9/L$	MCHC	L 318	g/L
IMG%	0.08	$10^9/L$	RDW-CV	0.142	
Neu%	& R 0.612		RDW-SD	47.9	fL
Lym%	& 0.263		HDW		g/L
Mon%	0.039		MCHm		pg
Eos%	R H 0.074		HYPOTH-CH%		%
Bas%	H 0.012		HYPER-CH%		%
IMG%	0.011		Micro%	0.8	%
Neu-X	R 343.7		Macro%	4.3	%
Neu-Y	R 436.7		RET#		$10^{12}/L$
Mon-X	248.4		RET%		%
PLT	& R H 329	$10^9/L$	IRF		%
MPV	R 11.4	fL	LFR		%
PDW	R 16.7		MFR		%
PCT	R H 3.75	mL/L	HFR		%
P-LCC	R H 123	$10^9/L$	RHE		pg
P-LCR	R 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

WBC RBC

Left Shift? Lipid Particles?

PLT PLT Clump?

ESR

Mode STAT Other Para.

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Overview

L-J QC

(2)

L-J 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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Overview/L-J Setup

File No.	Lot No.	Level	Exp. Date	Mode	Type	QC Sample ID	String 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

(3)

Return New Edit Delete

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File No. 15

Development 10-16-2024 15:44

Overview/L-J Setup

Lot #	Mode	In U:	QC Sam:
12 - 30 - 2024	AL-WB	<input type="button" value="In Use"/>	
Exp. D	Level	Test Pan:	Type
	Normal	CD	Others

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

(4)

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.

CD H5027 v1 Date: 09/12/24

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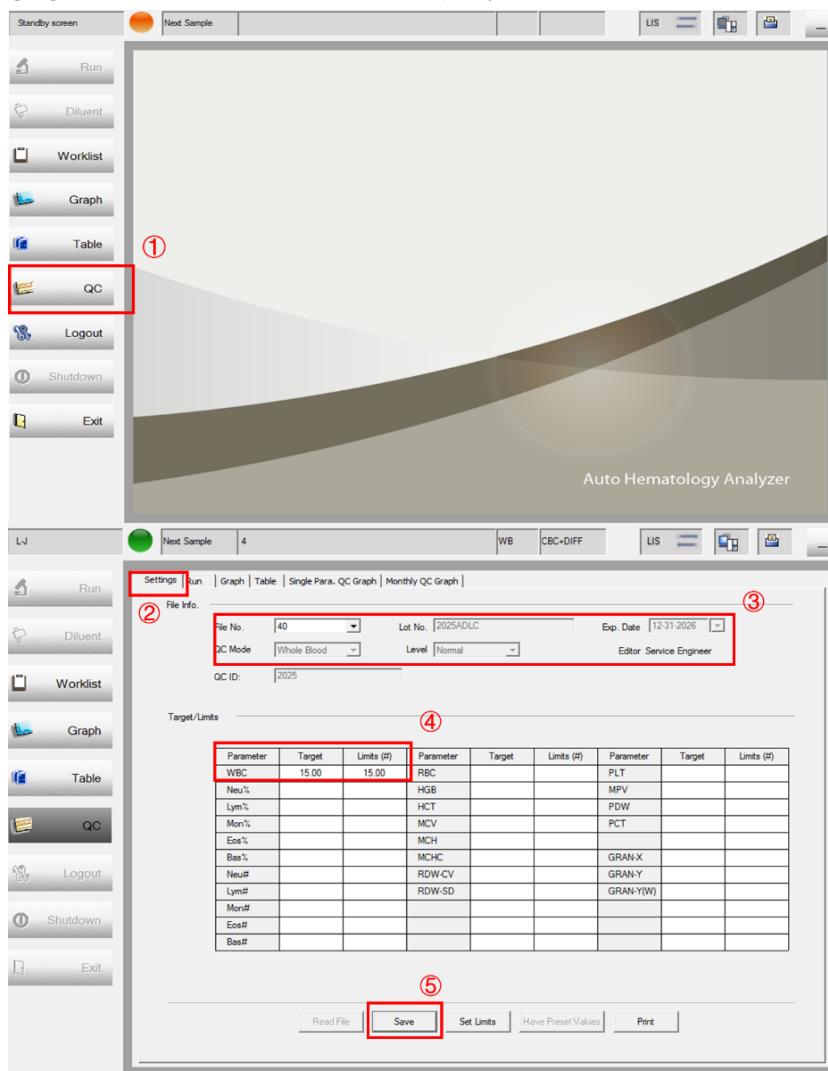
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- c. Enter the “QC” menu and select the QC file you create.
- d. Run the ESR Sample.

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.)



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Additional Notes:	~	
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Document Control	<ul style="list-style-type: none"> ○ Reference details/ number: ECD688 ○ Version number: 2.0 ○ Authorisation date: 15/01/2026 	