UK NEQAS

Haematology and Transfusion

West Herts Teaching Hospitals NHS Trust operating UK NEQAS Haematology and Transfusion

Blood Component Moni	toring Laboratory: 21304	21304C - 71816BG (Ruby 1)
Distribution: 2304CM	Date: 05-12-2023	Page 1 of 3

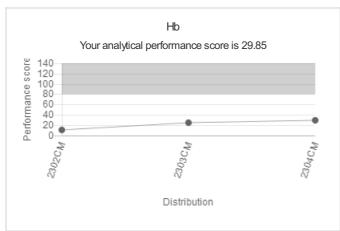
2304CM1 and 2304CM2: Plasma reduced human whole blood

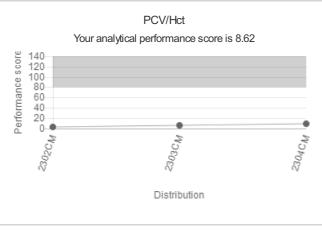
2304CM3 and 2304CM4: Human apheresis platelet

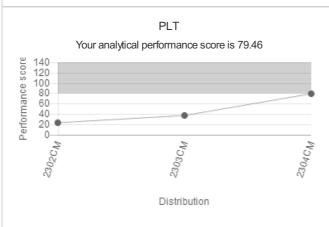
Non Participation Penalty: 0

Overall performance

Blood Component Monitoring

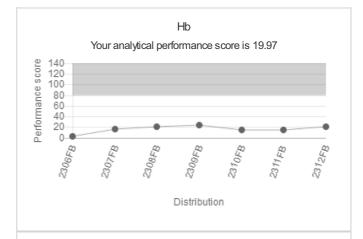


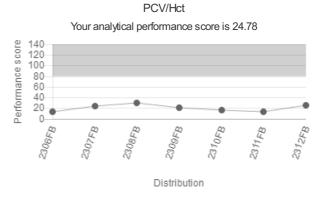


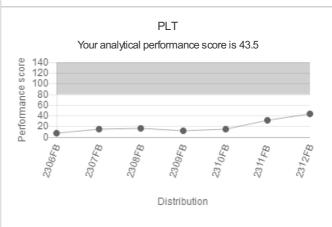


Full Blood Count (for comparison)

Overall Performance







Printed at 8:55 on Thursday, 4 January, 2024 (Final Report)

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UK NEQAS

Haematology and Transfusion

West Herts Teaching Hospitals NHS Trust operating UK NEQAS Haematology and Transfusion

Blood Component Monitoring 21304C - 71816BG Laboratory: 21304 (Ruby 1)

Distribution: 2304CM Page 2 of 3 Date: 05-12-2023

Overall Performance

Your instrument : Abbott - Cell-Dyn Ruby

Your reported results

2304CM1

Sample Quality

You reported: Satisfactory Overall: Satisfactory: 100%

Unsatisfactory: 0%

Parameter	Result T	rimmed Mean	DI	N	N trimmed	CV%	Uncertainty of target value
Hb (g/L)	192	191	0.21	48	44	2.08	0.003
PCV/Hct (L/L)	0.600	0.605	-0.28	48	44	2.86	0.004
Reference method results	Hb(g/L) 192 (ICSH	SH) PCV/Hct(L/L) 0.59 (Mcrohaematocrit Centrifuge)					

2304CM2

Sample Quality

Overall: Satisfactory: 100%

You reported: Satisfactory

Unsatisfactory: 0%

Parameter	Result T	rimmed Mean	DI	N	N trimmed	CV%	Uncertainty of target value
Hb (g/L)	155	156	-0.57	48	44	1.65	0.002
PCV/Hct (L/L)	0.509	0.512	-0.19	48	44	3.48	0.005
Reference method results	Hb(g/L) 158 (ICSH	/L) 158 (ICSH) PCV/Hct(L/L) 0.50 (Mcrohaematocrit Centrifuge)					

2304CM3

Sample Quality

Overall: Satisfactory: 100%

You reported: Satisfactory

Unsatisfactory: 0%

Parameter	Result	Trimmed Mean	DI	N	N trimmed	CV%	Uncertainty of target value
PLT (x10 ⁹ /L)	58	1354	3.5	48	44	10.43	0.014
Reference method results PLT(x109/L) 1507 (Immunoplatelet reference method)							

2304CM4

Sample Quality

Overall: Satisfactory: 100%

You reported : Satisfactory

Unsatisfactory: 0%

Parameter	Result	Trimmed Mean	DI	N	N trimmed	CV%	Uncertainty of target value
PLT (x10 ⁹ /L)	97	1119	3.5	48	44	11.18	0.015
Reference method results PLT(x109/L) 1147 (Immunoplatelet reference method)							

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For information on data analysis and performance assessment see the UK NEQAS Haematology Participants' Manual

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UK NEQAS

Sysmex - XP-300

Sysmex - XS1000i

Haematology and Transfusion

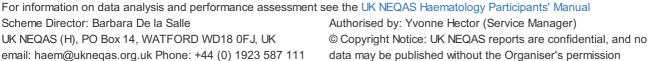
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21304C - 71816BG **Blood Component Monitoring** Laboratory: 21304 (Ruby 1) Distribution: 2304CM Date: 05-12-2023 Page 3 of 3

Overall Performance

Instruments in distribution	
Instrument	Number
Abbott - Cell-Dyn 1200	1
Abbott - Cell-Dyn Emerald 18	1
Abbott - Cell-Dyn Ruby	6
Beckman Coulter - DxH 800	3
Beckman Coulter - DxH 900	9
HORIBA - Micros 60	1
HORIBA - Pentra 60	1
HORIBA - Pentra 80	2
HORIBA - Pentra DF Nexus	1
HORIBA - Yumizen H2500	1
Medonic - CA 530	1
Mindray - BC-6800	2
Siemens - ADVIA 2120	1
Sysmex - XN-450	2
Sysmex - XN-550	2
Sysmex - XN10	15
Sysmex - XN20	2

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1

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