

Proteus Laboratories

All acceptable
20/12/20

MONTHLY HAEMATOLOGY

CYCLE 13 SAMPLE 12

Explanation of codes used in this report

- R - Results removed due to reconstitution error
- N - No result returned
- C - Result corrected

Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 17/12/2020

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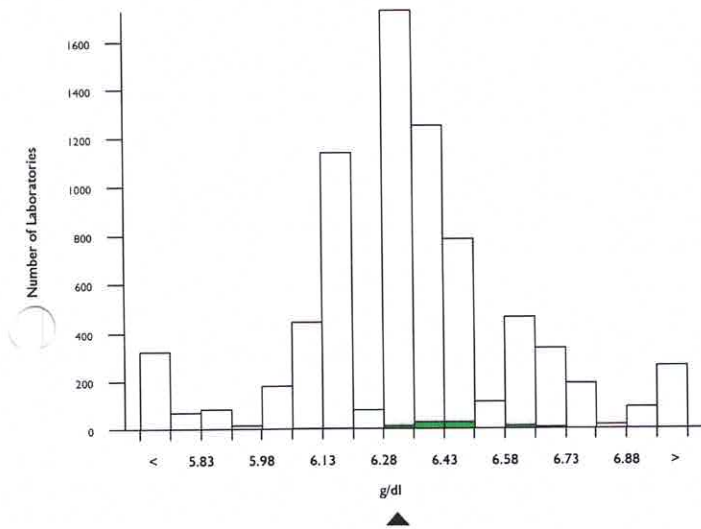


Haemoglobin, g/dl

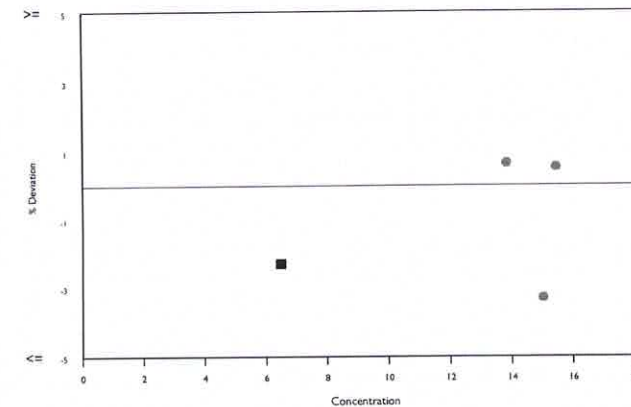
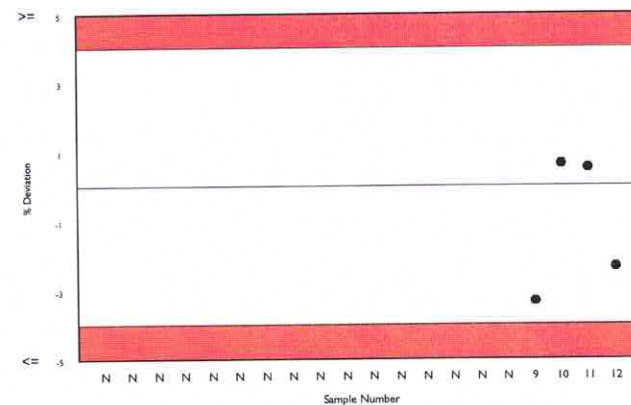
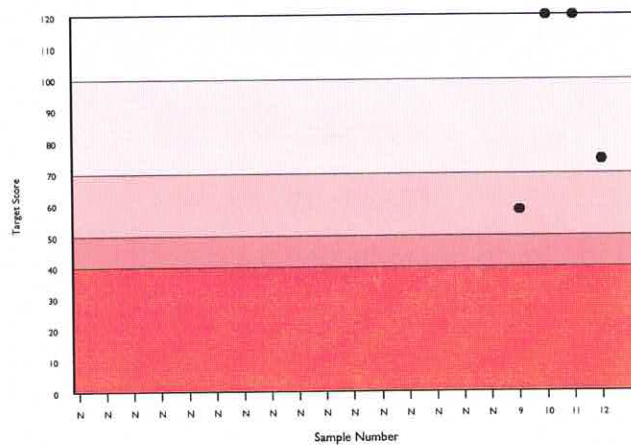
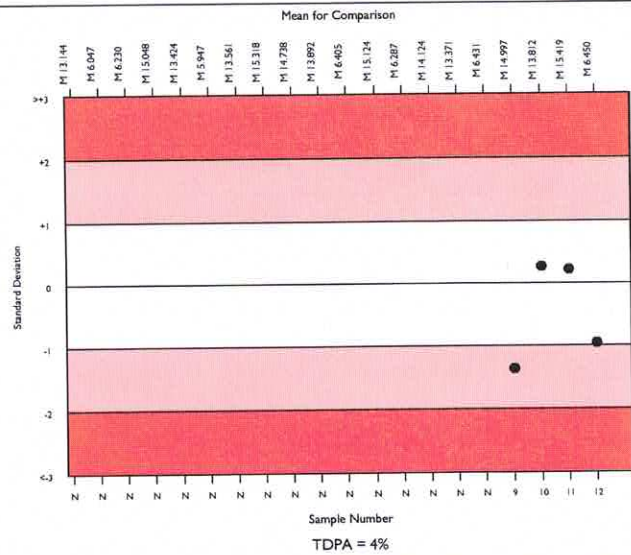
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6946	6.358	3.2	0.00	0.15	594
Beckman Coulter Ac. T 5 series	78	6.450	1.5	0.01	0.16	9

▲ Your Result	6.300	SDI	-0.96
		RMSDI	Too Few
■ Mean for Comparison	6.450	TS	74
		RMTS	Too Few
		%DEV	-2.3
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	4.00%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1354	6.288	1.6	0.00
Abbott Cell-Dyn Ruby	386	6.508	2.3	0.01
Sysmex XN-L Series (330/350/450/550)	345	6.231	1.4	0.01
Sysmex XS series	334	6.258	1.4	0.01
Mindray BC 1000/2000/3000 series	309	6.371	3.5	0.02
Beckman Coulter DxH 600/800/900 Series	323	6.301	1.4	0.01
Siemens/Bayer Advia 120/2120	307	6.634	1.9	0.01
Sysmex XP Series	270	6.249	2.6	0.01
Sysmex XT series	272	6.338	1.3	0.01
Nihon Kohden Celltac Alpha	258	6.443	3.0	0.01
Mindray BC-6000/6200/6600/6800/6800Plus	193	6.365	1.4	0.01
Manual Methods	189	5.837	6.5	0.03
ABX Micros/Minos/ABC VET	165	6.372	3.3	0.02
Sysmex KX 21	157	6.287	2.7	0.02
Horiba ABX Pentra 60/80/XLR	150	6.287	1.5	0.01
Calculated from HCT	148	5.760	5.3	0.03
Mindray BC 5100/5180/5300/5380/5390	128	6.413	2.2	0.02
Nihon Kohden Celltac E/Es	90	6.426	1.9	0.02
Medonic M series/Swelab	77	6.688	2.4	0.02
Mindray BC 5000/5150/5140/5130/5120	80	6.400	1.8	0.02
Beckman Coulter Ac. T 5 series	78	6.450	1.5	0.01

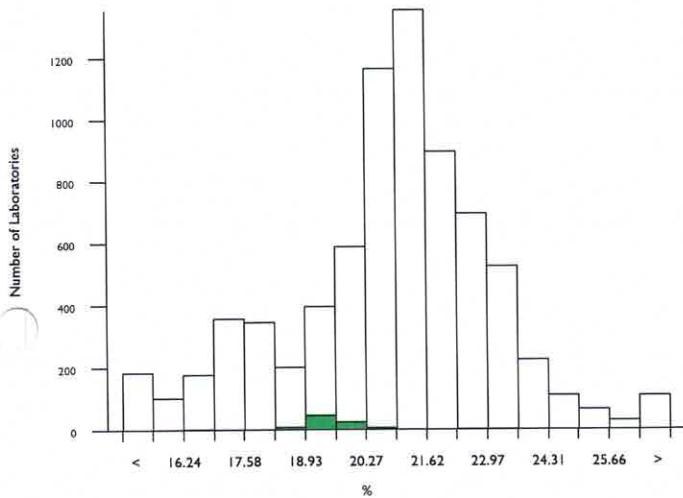


Haematocrit (HCT), %

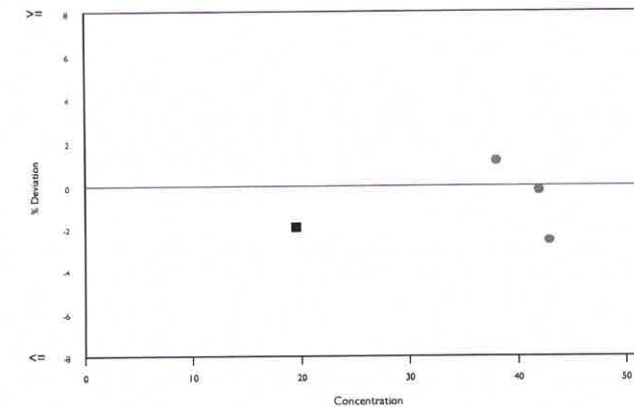
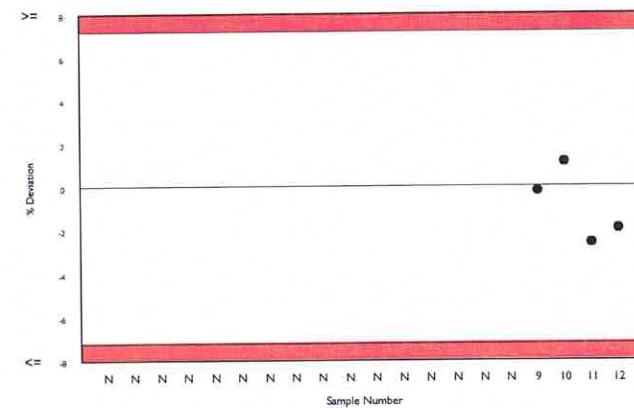
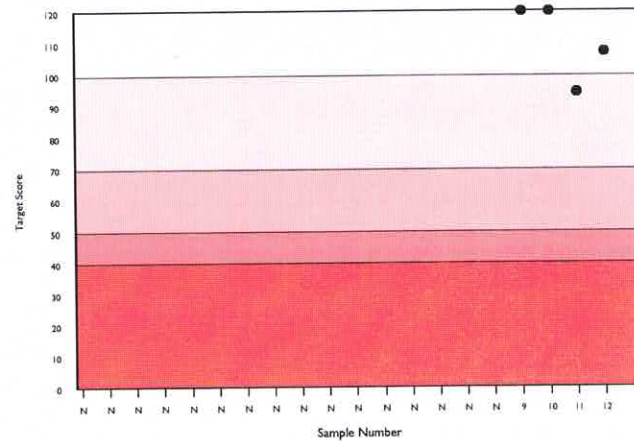
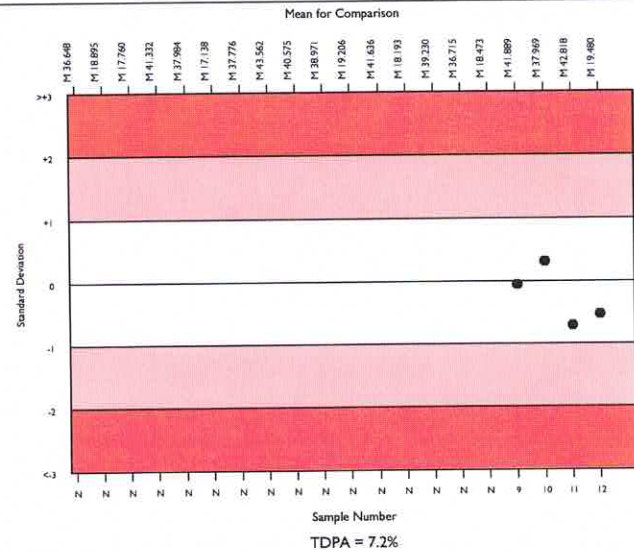
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6941	20.951	8.6	0.03	0.77	565
Beckman Coulter Ac. T 5 series	78	19.480	1.9	0.05	0.72	9

▲ Your Result	19.100	SDI	-0.53
		RMSDI	Too Few
■ Mean for Comparison	19.480	TS	107
		RMETS	Too Few
		%DEV	-2.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	7.20%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1282	21.220	3.1	0.02
Abbott Cell-Dyn Ruby	370	16.753	4.5	0.05
Sysmex XN-L Series (330/350/450/550)	342	21.322	3.8	0.05
Sysmex XS series	326	22.265	3.3	0.05
Beckman Coulter DxH 600/800/900 Series	306	20.763	2.8	0.04
Mindray BC 1000/2000/3000 series	302	21.678	4.9	0.08
Siemens/Bayer Advia 120/2120	297	17.997	3.2	0.04
Sysmex XP Series	272	20.635	4.1	0.06
Sysmex XT series	270	22.708	3.7	0.06
Nihon Kohden Celltac Alpha	260	21.612	4.2	0.07
Manual Methods	190	17.558	5.1	0.08
Mindray BC-6000/6200/6600/6800/6800Plus	190	23.642	4.3	0.09
ABX Micros/Minos/ABC VET	165	20.603	5.1	0.10
Microhematocrit Centrifugation	160	17.440	4.2	0.07
Sysmex KX 21	159	20.799	4.4	0.09
Horiba ABX Pentra 60/80/XLR	151	19.688	3.9	0.08
Mindray BC 5100/5180/5300/5380/5390	130	23.446	6.6	0.17
Nihon Kohden Celltac E/Es	91	21.973	3.9	0.11
Medonic M series/Swelab	78	20.499	3.8	0.11
Mindray BC 5000/5150/5140/5130/5120	77	22.698	4.5	0.15
Beckman Coulter Ac. T 5 series	78	19.480	1.9	0.05

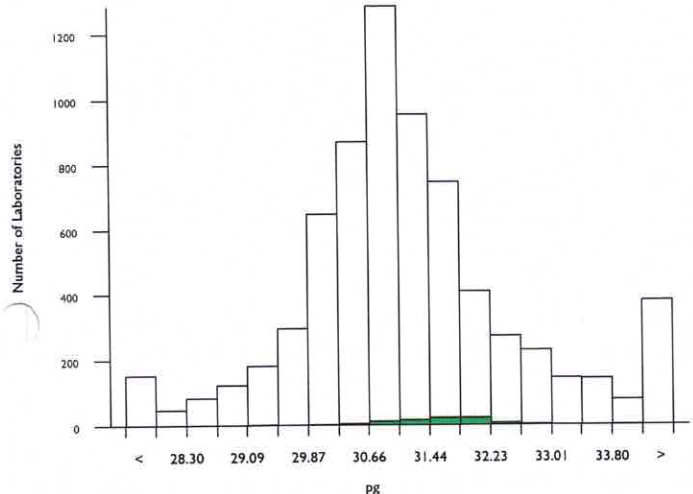


MCH, pg

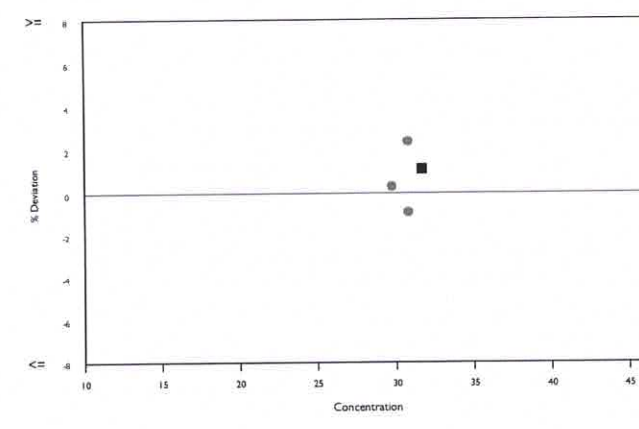
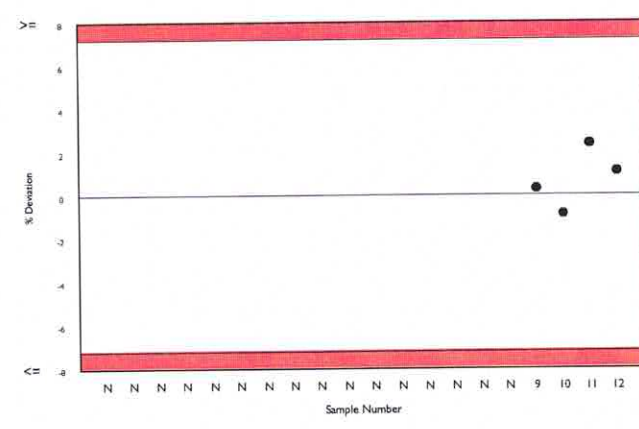
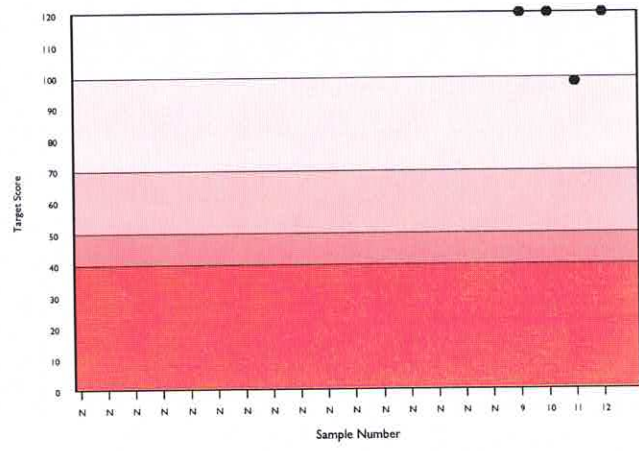
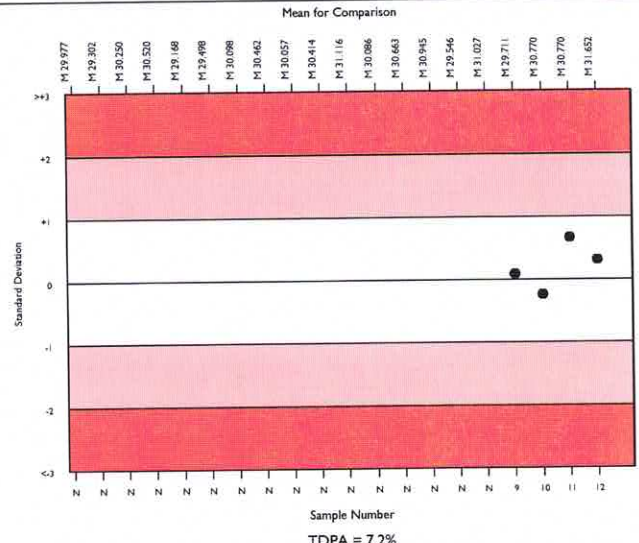
	N	Mean	CV%	U _m	SDPA	Exc.
☐ All Methods	6381	31.057	3.4	0.02	1.12	651
■ Beckman Coulter Ac. T 5 series	80	31.652	1.6	0.07	1.14	7

▲ Your Result	32.000	SDI	0.31
		RMSDI	Too Few
■ Mean for Comparison	31.652	TS	120
		RMST	Too Few
		%DEV	1.1
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	7.20%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1305	30.952	1.6	0.02
Abbott Cell-Dyn Ruby	370	33.779	5.5	0.12
Sysmex XN-L Series (330/350/450/550)	339	31.077	1.4	0.03
Sysmex XS series	329	30.837	1.6	0.03
Beckman Coulter DxH 600/800/900 Series	309	31.330	1.4	0.03
Mindray BC 1000/2000/3000 series	301	30.431	3.5	0.08
Siemens/Bayer Advia 120/2120	296	32.914	3.2	0.08
Sysmex XT series	270	30.586	1.8	0.04
Sysmex XP Series	264	29.663	3.1	0.07
Nihon Kohden Celltac Alpha	247	30.729	3.0	0.07
Mindray BC-6000/6200/6600/6800/6800Plus	189	30.723	1.7	0.05
ABX Micros/Minos/ABC VET	159	31.030	3.9	0.12
Sysmex KX 21	157	29.879	3.0	0.09
Horiba ABX Pentra 60/80/XLR	153	30.954	2.1	0.07
Mindray BC 5100/5180/5300/5380/5390	130	31.141	2.3	0.08
Nihon Kohden Celltac E/Es	89	30.914	3.1	0.13
Medonic M series/Swelab	80	32.595	2.4	0.11
Beckman Coulter Ac. T 5 series	80	31.652	1.6	0.07
Mindray BC 5000/5150/5140/5130/5120	78	31.347	2.7	0.12
Beckman Coulter LH700 Series	72	30.858	1.8	0.08
ABX Pentra 120/Nexus Series	69	30.674	2.3	0.11

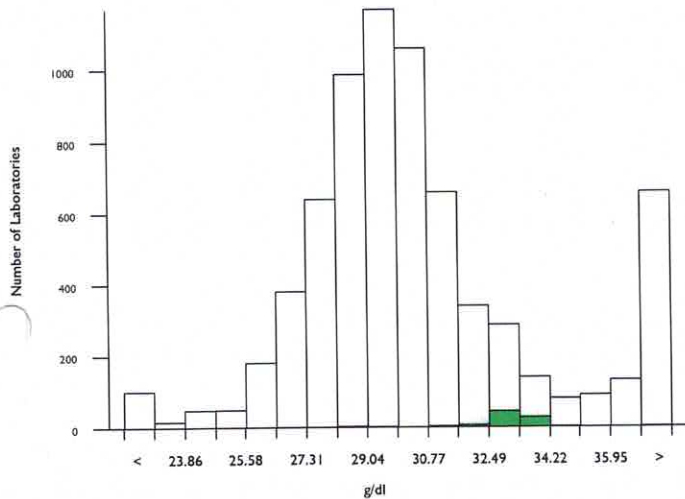


MCHC, g/dl

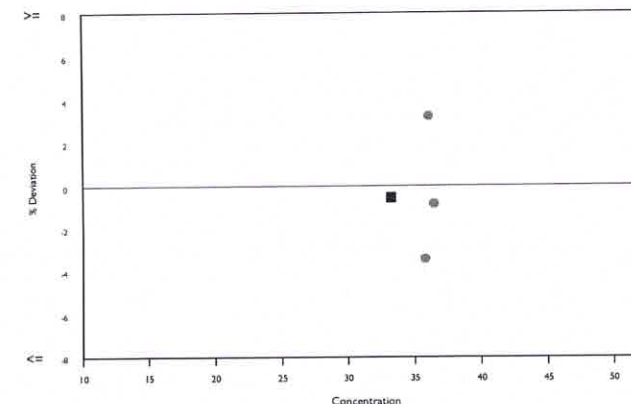
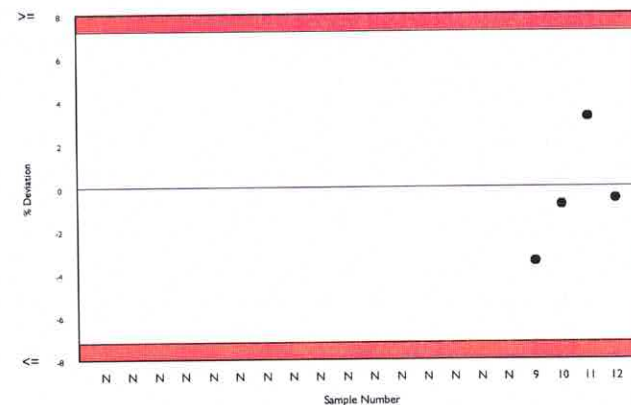
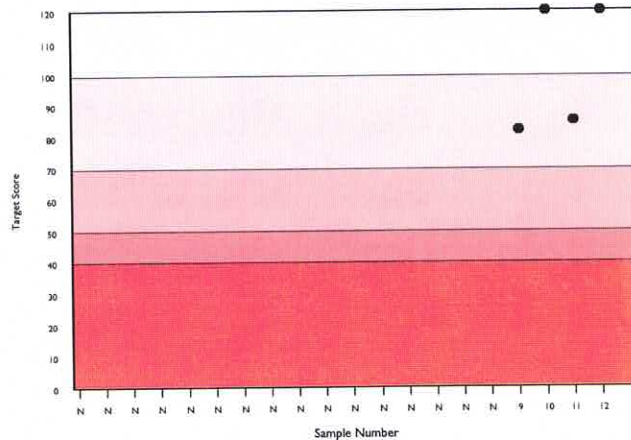
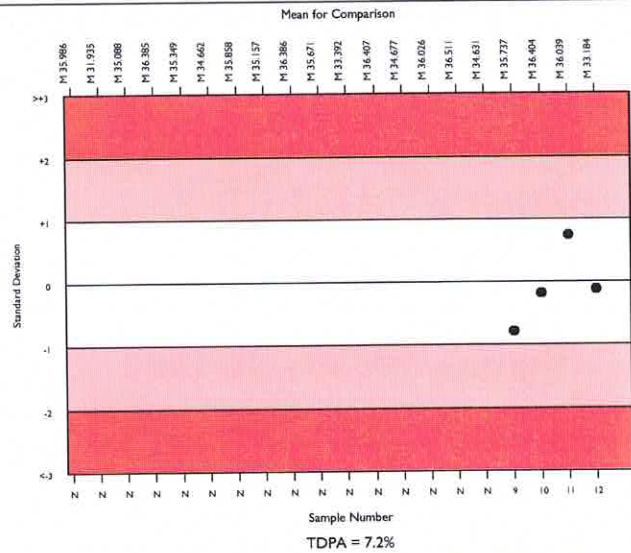
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6272	29.907	7.7	0.04	1.31	737
Beckman Coulter Ac. T 5 series	76	33.184	1.5	0.07	1.45	10

▲ Your Result	33.000	SDI	-0.13
		RMSDI	Too Few
■ Mean for Comparison	33.184	TS	120
		RMTS	Too Few
		%DEV	-0.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	7.20%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1284	29.625	2.9	0.03
Abbott Cell-Dyn Ruby	362	38.901	5.1	0.13
Sysmex XN-L Series (330/350/450/550)	342	29.123	3.4	0.07
Sysmex XS series	323	28.066	3.2	0.06
Beckman Coulter DxH 600/800/900 Series	306	30.364	2.9	0.06
Mindray BC 1000/2000/3000 series	298	29.241	5.4	0.11
Siemens/Bayer Advia 120/2120	290	36.703	3.2	0.09
Sysmex XP Series	265	30.183	4.7	0.11
Sysmex XT series	272	27.935	3.8	0.08
Nihon Kohden Celltac Alpha	255	29.890	5.2	0.12
Mindray BC-6000/6200/6600/6800/6800Plus	190	26.886	4.2	0.10
ABX Micros/Minos/ABC VET	160	31.083	5.5	0.17
Sysmex KX 21	154	30.148	4.9	0.15
Horiba ABX Pentra 60/80/XLR	154	31.836	4.0	0.13
Mindray BC 5100/5180/5300/5380/5390	133	27.374	6.5	0.19
Nihon Kohden Celltac E/Es	89	29.551	4.4	0.17
Medonic M series/Swelab	78	32.669	3.7	0.17
Mindray BC 5000/5150/5140/5130/5120	75	28.055	3.8	0.15
Beckman Coulter Ac. T 5 series	76	33.184	1.5	0.07
Beckman Coulter LH700 Series	71	30.533	3.3	0.15
ABX Pentra 120/Nexus Series	69	32.170	2.6	0.12

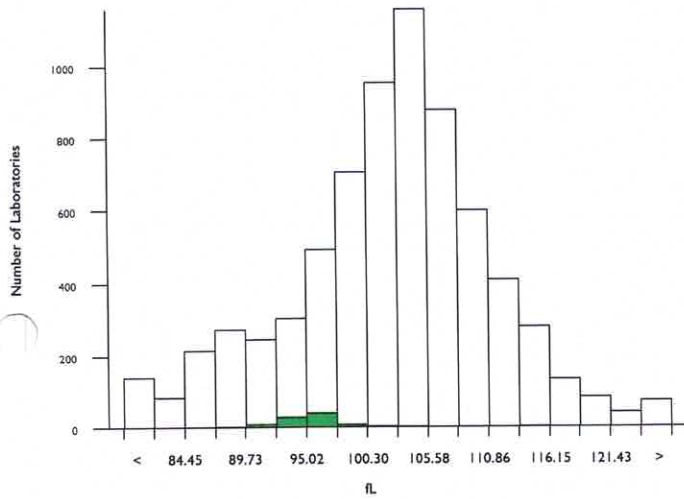


MCV, fL

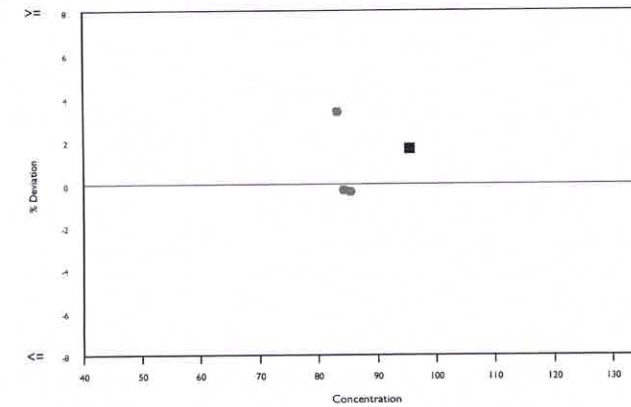
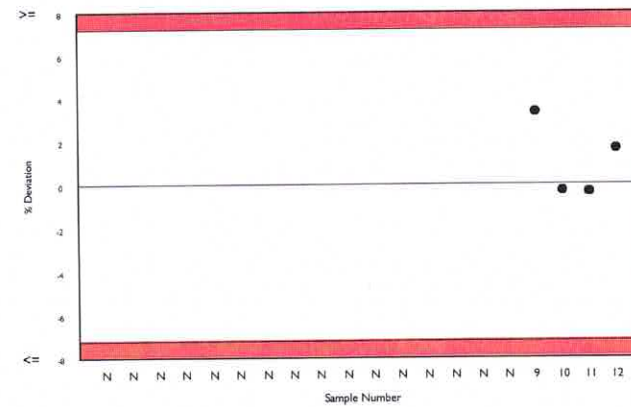
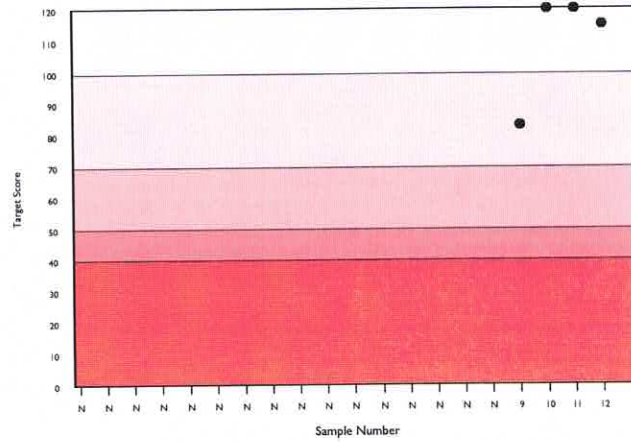
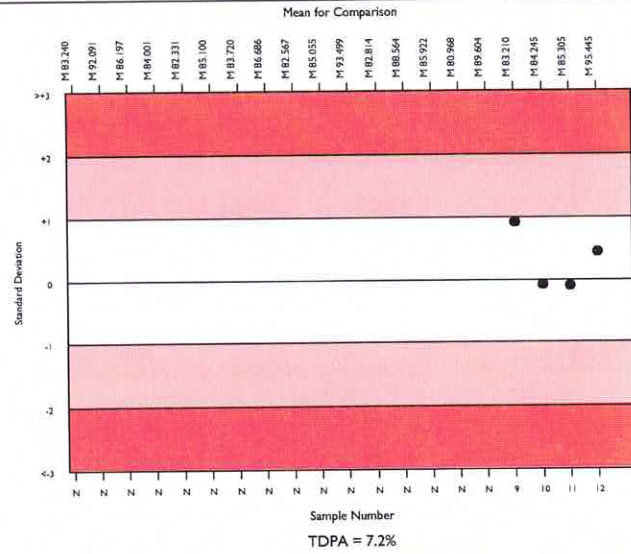
	N	Mean	CV%	U _m	SDPA	Exc.
All Methods	6531	102.944	6.8	0.11	3.78	525
Beckman Coulter Ac. T 5 series	75	95.445	1.7	0.24	3.51	12

▲ Your Result	97.000	SDI	0.44
		RMSDI	Too Few
■ Mean for Comparison	95.445	TS	115
		RMTS	Too Few
		%DEV	1.6
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	7.20%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1281	104.316	2.8	0.10
Abbott Cell-Dyn Ruby	380	87.725	3.6	0.20
Sysmex XN-L Series (330/350/450/550)	341	106.469	3.5	0.26
Sysmex XS series	320	109.659	3.1	0.23
Beckman Coulter DxH 600/800/900 Series	308	102.904	2.2	0.16
Mindray BC1000/2000/3000 series	297	103.689	4.5	0.34
Siemens/Bayer Advia 120/2120	292	89.496	3.9	0.25
Sysmex XT series	266	109.570	3.4	0.28
Sysmex XP Series	266	98.640	3.3	0.25
Nihon Kohden Celltac Alpha	264	102.727	4.0	0.31
Mindray BC-6000/6200/6600/6800/6800Plus	189	113.748	4.0	0.42
ABX Micros/Minos/ABC VET	164	100.217	4.8	0.47
Sysmex KX 21	149	99.362	3.5	0.36
Horiba ABX Pentra 60/80/XLR	146	97.013	3.7	0.38
Mindray BC 5100/5180/5300/5380/5390	133	114.076	6.3	0.77
Nihon Kohden Celltac E/Es	92	104.977	3.6	0.50
Medonic M series/Swelab	78	99.618	3.8	0.54
Beckman Coulter Ac. T 5 series	75	95.445	1.7	0.24
Mindray BC 5000/5150/5140/5130/5120	75	111.332	3.8	0.61
Beckman Coulter LH700 Series	71	100.845	2.8	0.42
ABX Pentra 120/Nexus Series	66	95.547	1.4	0.21

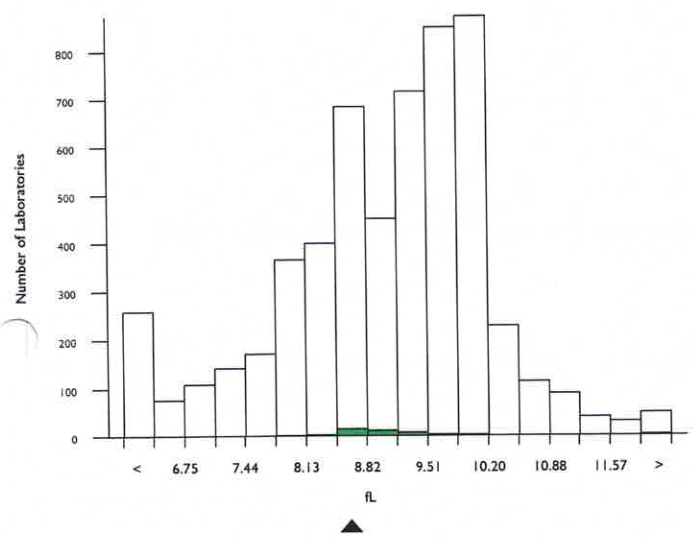


Mean Platelet Volume, fL

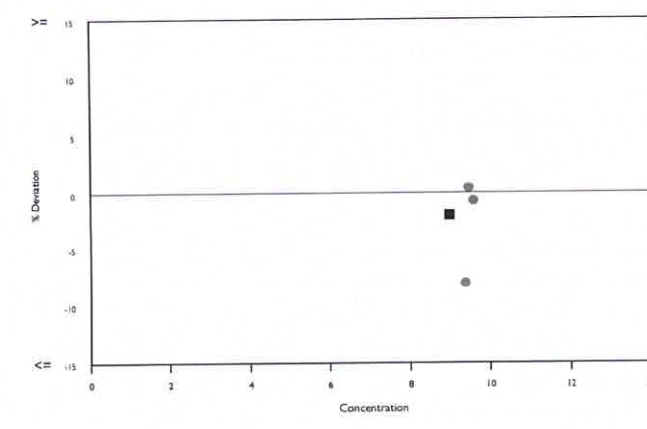
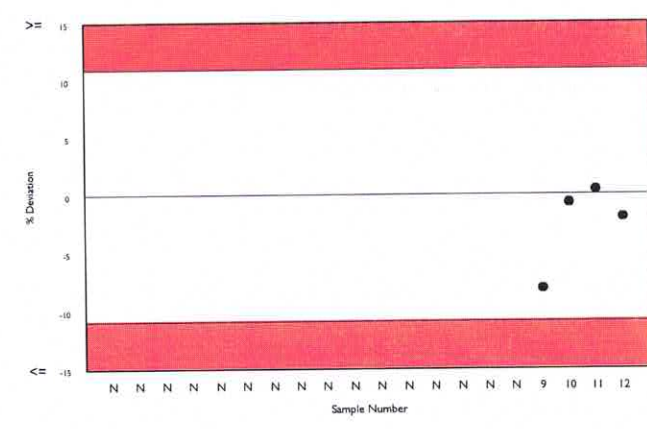
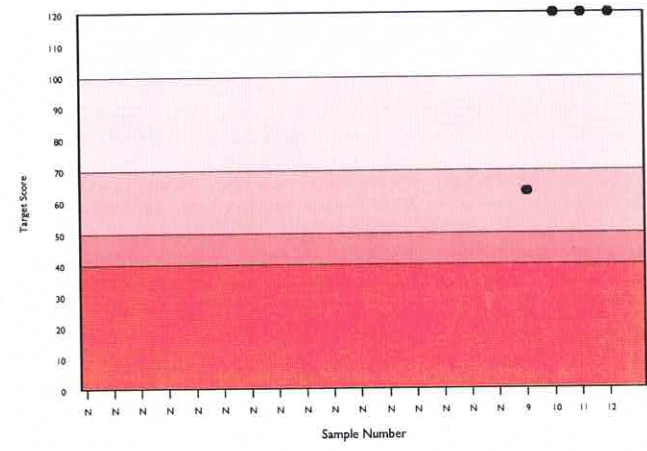
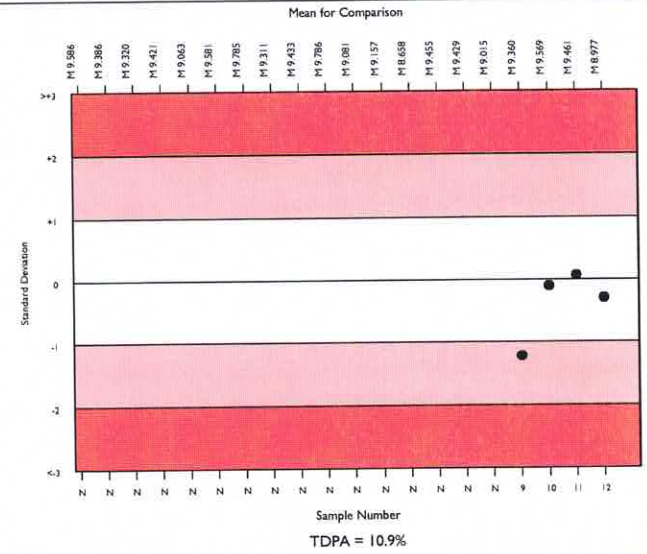
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<input type="checkbox"/> All Methods	5189	9.168	10.0	0.02	0.61	437
<input checked="" type="checkbox"/> Beckman Coulter Ac. T 5 series	37	8.977	3.6	0.07	0.59	5

<input checked="" type="checkbox"/> Your Result	8.800	SDI	-0.30
		RMSDI	Too Few
<input checked="" type="checkbox"/> Mean for Comparison	8.977	TS	120
		RMTS	Too Few
		%DEV	-2.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	10.90%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1047	9.841	2.5	0.01
Beckman Coulter DxH 600/800/900 Series	270	8.459	3.1	0.02
Abbott Cell-Dyn Ruby	263	6.743	15.4	0.08
Mindray BC 1000/2000/3000 series	274	8.810	8.1	0.05
Sysmex XS series	261	9.681	3.3	0.02
Sysmex XN-L Series (330/350/450/550)	242	9.929	2.7	0.02
Nihon Kohden Celltac Alpha	233	7.800	10.4	0.07
Sysmex XT series	218	9.247	2.9	0.02
Sysmex XP Series	220	8.942	3.9	0.03
Siemens/Bayer Advia 120/2120	209	10.690	4.9	0.05
Mindray BC-6000/6200/6600/6800/6800Plus	161	9.616	3.5	0.03
ABX Micros/Minos/ABC VET	125	8.151	6.4	0.06
Sysmex KX 21	119	8.866	3.8	0.04
Horiba ABX Pentra 60/80/XLR	106	8.938	3.6	0.04
Mindray BC 5100/5180/5300/5380/5390	101	8.674	4.2	0.04
Nihon Kohden Celltac E/Es	71	7.245	6.5	0.07
Mindray BC 5000/5150/5140/5130/5120	69	9.925	3.6	0.05
Medonic M series/Swelab	71	8.567	4.2	0.05
ABX Pentra 120/Nexus Series	61	8.972	3.9	0.06
Beckman Coulter LH700 Series	59	7.923	3.9	0.05
Horiba Yumizen H500/ 550	54	10.037	5.0	0.09

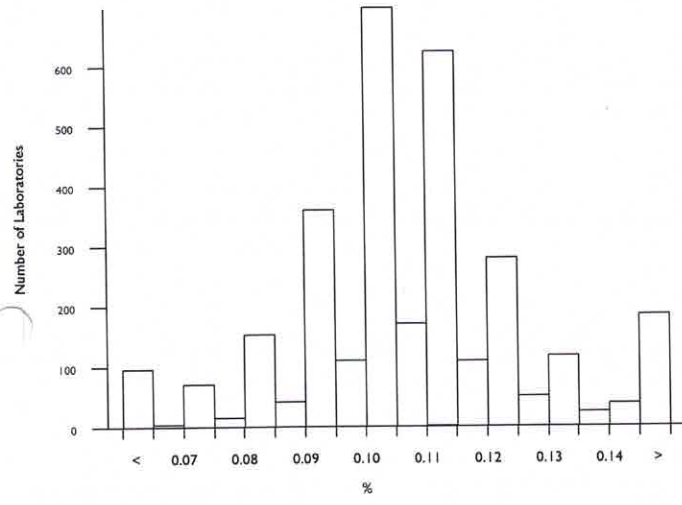
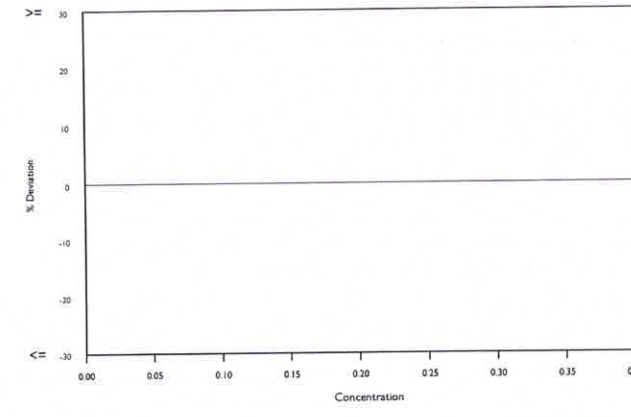
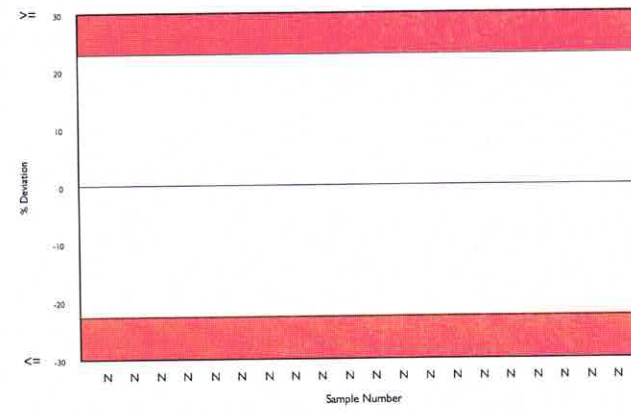
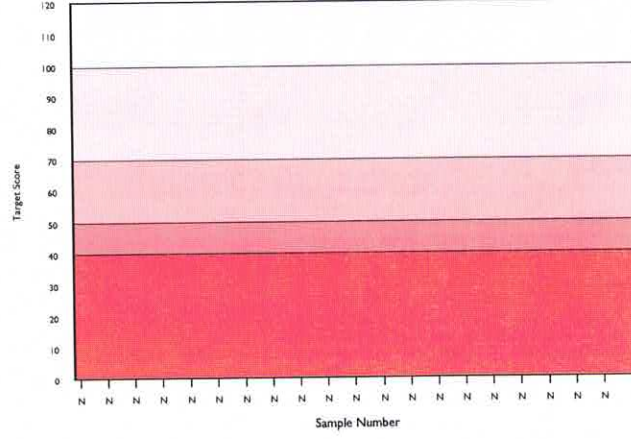
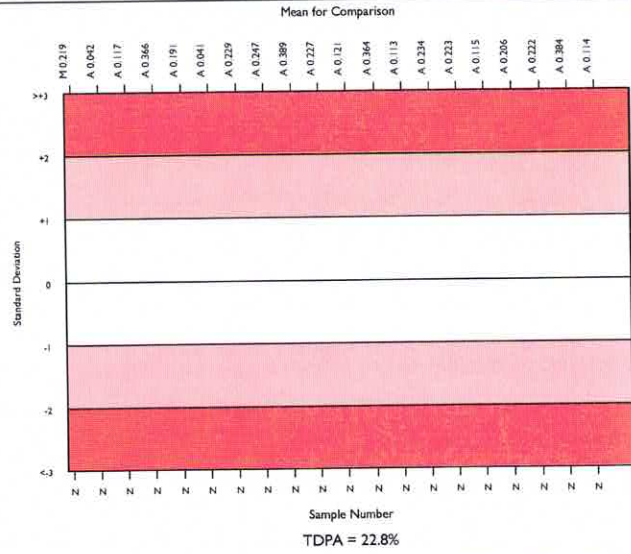


Plateletcrit, %

	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	2815	0.114	12.0	0.00	0.02	327
<input checked="" type="checkbox"/> Beckman Coulter Ac. T 5 series	1	0.120	0.0	0.00	N/A	0

▲ Your Result	No Result	SDI	Too Few
		RMSDI	
<input type="checkbox"/> Mean for Comparison	0.114	TS	Too Few
		RMETS	
		%DEV	Too Few
		RM%DEV	

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	22.80%



Method	N	Mean	CV%	U _m
Sysmex XN Series	525	0.113	7.4	0.00
Mindray BC 1000/2000/3000 series	234	0.114	12.7	0.00
Nihon Kohden Celltac Alpha	204	0.097	13.9	0.00
Sysmex XS series	161	0.120	7.8	0.00
Sysmex XT series	149	0.115	7.1	0.00
Sysmex XP Series	133	0.121	8.4	0.00
Mindray BC-6000/6200/6600/6800/6800Plus	111	0.123	6.9	0.00
Sysmex XN-L Series (330/350/450/550)	99	0.116	7.2	0.00
Siemens/Bayer Advia 120/2120	90	0.127	10.0	0.00
Beckman Coulter DxH 600/800/900 Series	78	0.111	4.8	0.00
ABX Micros/Minos/ABC VET	71	0.111	8.6	0.00
Mindray BC 5100/5180/5300/5380/5390	78	0.116	11.1	0.00
Abbott Cell-Dyn Ruby	61	0.141	18.5	0.00
Nihon Kohden Celltac E/Es	67	0.092	11.9	0.00
Mindray BC 5000/5150/5140/5130/5120	62	0.127	9.4	0.00
Medonic M series/Swelab	58	0.105	7.8	0.00
Horiba ABX Pentra 60/80/XLR	47	0.120	10.3	0.00
ABX Pentra 120/Nexus Series	39	0.120	5.8	0.00
Human Humacount Series	40	0.115	16.0	0.00
Erba Lachema Elite series	31	0.114	19.0	0.00
Beckman Coulter LH700 Series	27	0.112	7.4	0.00

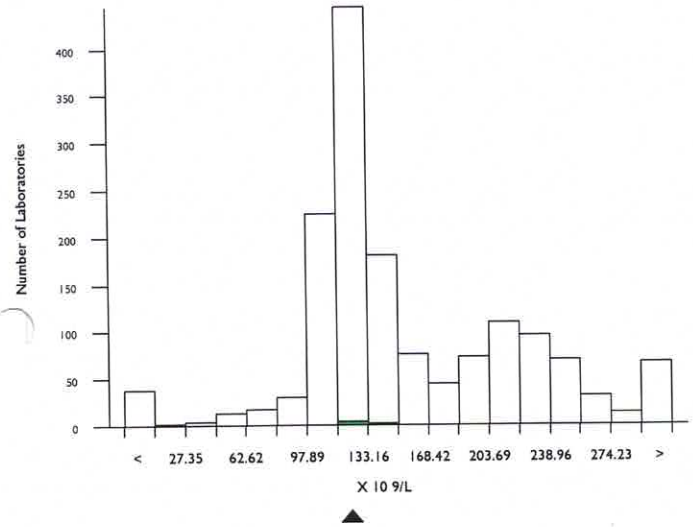


Platelets (Optical Count), X 10⁹/L

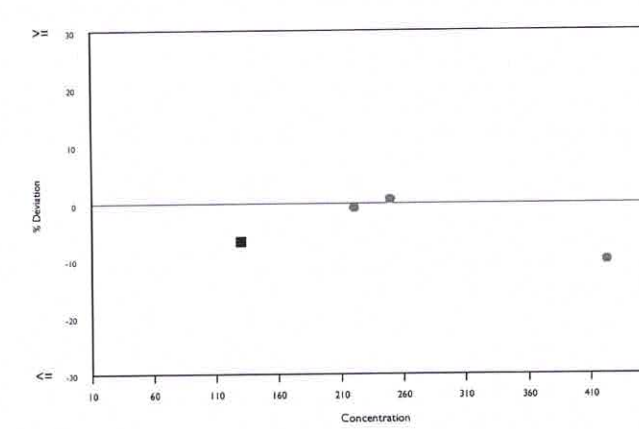
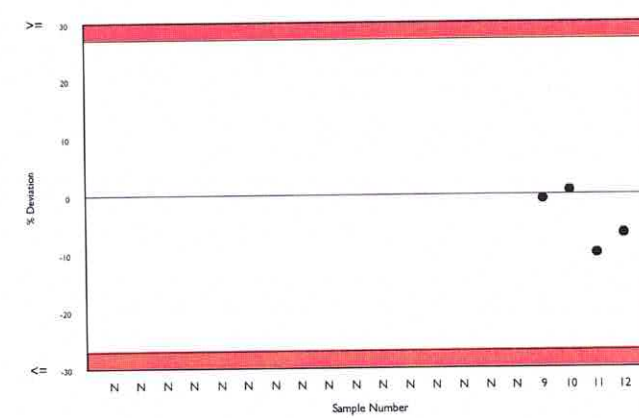
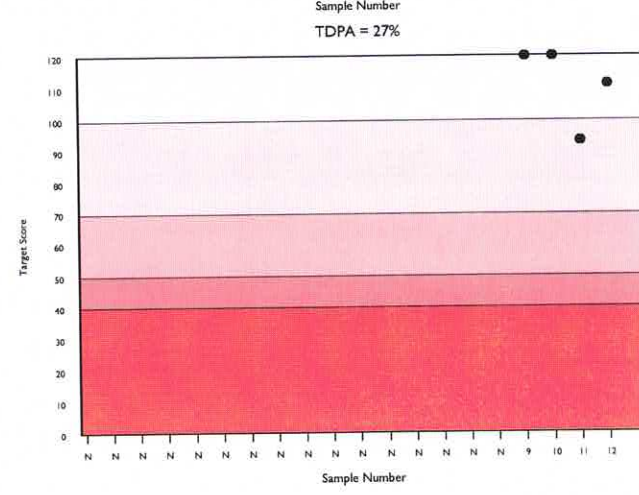
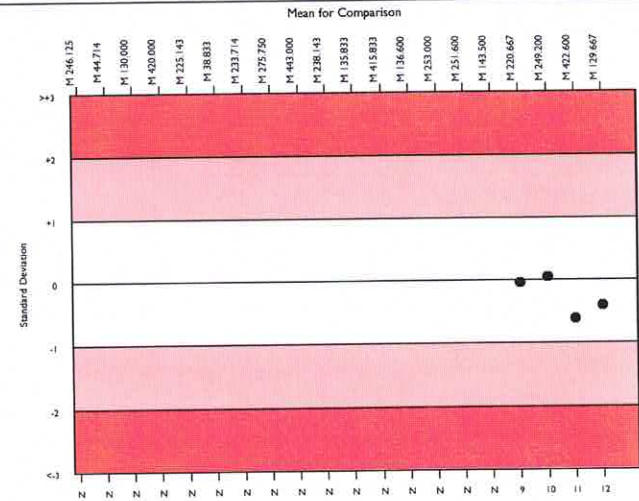
	N	Mean	CV%	U _m	SDPA	Exc.
<input type="checkbox"/> All Methods	1385	150.794	31.2	1.58	24.75	143
<input checked="" type="checkbox"/> Beckman Coulter Ac. T 5 series	6	129.667	6.4	4.23	21.28	0

▲ Your Result	121.000	SDI	-0.41
		RMSDI	Too Few
■ Mean for Comparison	129.667	TS	111
		RMTS	Too Few
		%DEV	-6.7
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	27.00%



Method	N	Mean	CV%	U _m
Abbott Cell-Dyn Ruby	327	216.007	14.8	2.21
Siemens/Bayer Advia 120/2120	291	120.481	9.4	0.83
Manual Methods	263	123.847	16.0	1.53
Sysmex XN Series	98	151.214	38.0	7.26
Abbott Cell-Dyn 3200	40	215.946	13.6	5.79
Sysmex XT Series	41	128.332	20.7	5.20
Sysmex XN-L Series (330/350/450/550)	37	117.257	7.8	1.89
Sysmex XS Series	36	123.742	6.7	1.73
Abbott Alinity hq	34	143.088	9.8	3.02
Mindray BC-6000/6200/6600/6800/6800Plus	29	133.897	9.8	3.04
Beckman Coulter DxH 600/800/900 Series	24	132.700	4.3	1.45
Abbott Cell-Dyn Sapphire	16	198.219	9.7	5.99
Sysmex KX21	15	126.667	6.0	2.46
Horiba ABX Pentra 60/80/XLR	9	138.644	7.7	4.45
ABX Micros/Minos/ABC VET	7	146.357	11.7	8.07
Horiba Yumizen H500/ 550	8	137.000	9.5	5.76
Beckman Coulter Ac. T 5 series	6	129.667	6.4	4.23
Beckman Coulter DxH 500 Series	6	133.783	13.3	9.10
ABX Pentra 120/Nexus Series	6	137.333	6.2	4.31
Horiba Yumizen H1500/ 2500	5	165.200	3.8	3.52
Sysmex XE-2100	4	166.250	34.1	35.40

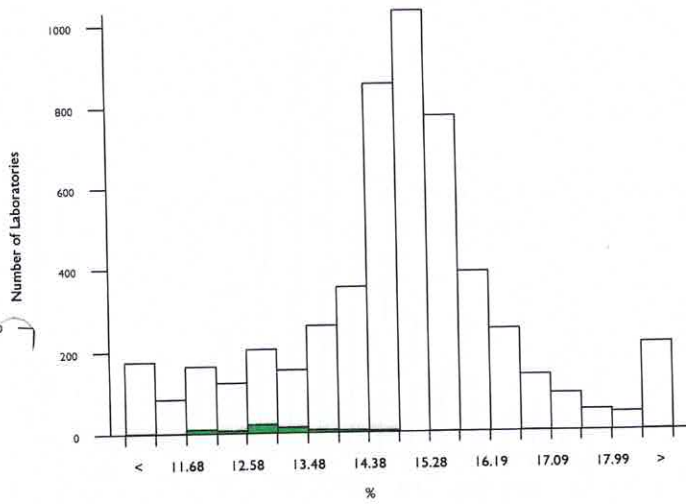


Red Cell Dist. Width CV, %

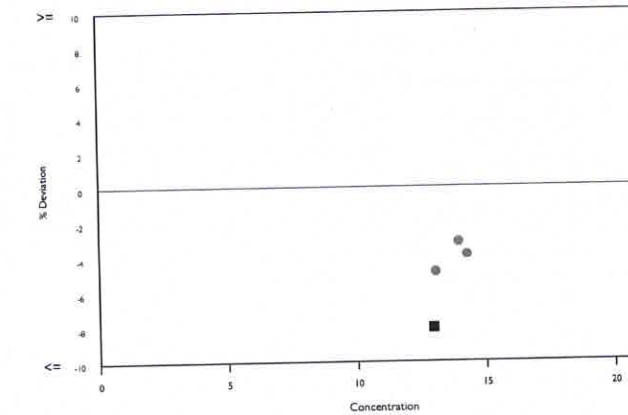
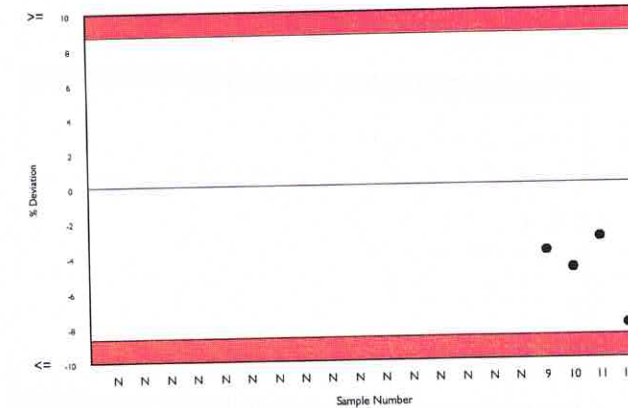
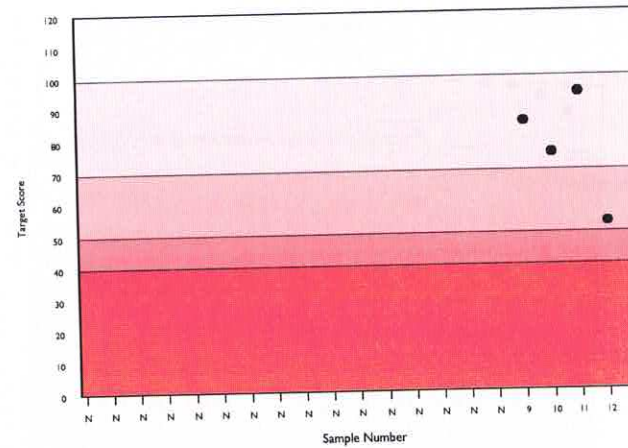
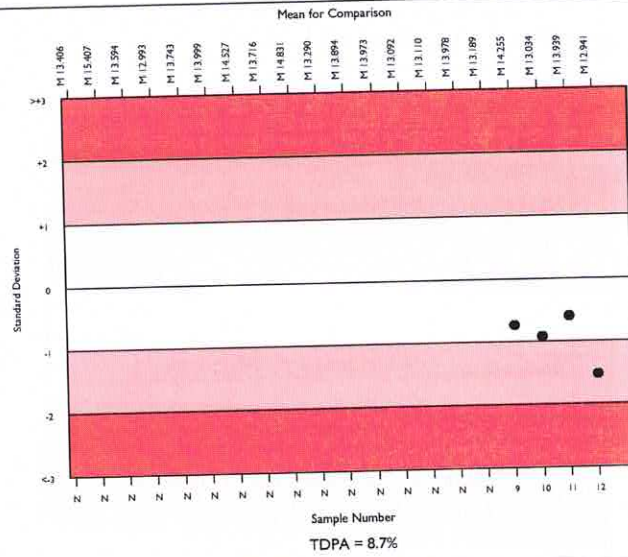
	N	Mean	CV%	U _m	SDPA	Exc.
□ All Methods	4830	14.840	8.1	0.02	0.78	520
■ Beckman Coulter Ac. T 5 series	72	12.941	5.2	0.10	0.68	8

▲ Your Result	11.900	SDI	-1.52
		RMSDI	Too Few
■ Mean for Comparison	12.941	TS	53
		RMETS	Too Few
		%DEV	-8.0
		RM%DEV	Too Few

Acceptable limits derived from Biological Variation	N/A
Acceptable limits of performance for RIQAS	8.70%



Method	N	Mean	CV%	U _m
Sysmex XN Series	1094	15.092	2.9	0.02
Abbott Cell-Dyn Ruby	264	12.774	8.9	0.09
Sysmex XS series	252	15.031	1.9	0.02
Beckman Coulter DxH 600/800/900 Series	237	14.929	3.9	0.05
Sysmex XN-L Series (330/350/450/550)	246	15.473	4.3	0.05
Mindray BC 1000/2000/3000 series	237	14.835	7.3	0.09
Nihon Kohden Celltac Alpha	212	14.548	5.3	0.07
Sysmex XT series	207	15.086	2.2	0.03
Siemens/Bayer Advia 120/2120	213	15.936	2.8	0.04
Sysmex XP Series	195	12.008	8.6	0.09
Sysmex XP Series	154	15.256	5.7	0.09
Mindray BC-6000/6200/6600/6800/6800Plus	104	16.513	10.5	0.21
Mindray BC 5100/5180/5300/5380/5390	102	13.715	6.9	0.12
Horiba ABX Pentra 60/80/XLR	81	12.264	9.7	0.17
Sysmex KX 21	77	14.144	7.7	0.15
ABX Micros/Minos/ABC VET	72	12.941	5.2	0.10
Beckman Coulter Ac. T 5 series	67	17.547	6.4	0.17
Mindray BC 5000/5150/5140/5130/5120	67	16.267	5.4	0.13
Nihon Kohden Celltac E/Es	61	15.001	4.3	0.10
Beckman Coulter LH700 Series	58	12.763	9.7	0.20
Medonic M series/Swelab	53	14.111	6.6	0.16
ABX Pentra 120/Nexus Series				



Analyte	Mean for Comparison	Your Result	SDI	RMSDI	%DEV	RM%DEV	TS	RMTS	Performance
Haemoglobin	6.450	6.300	-0.96	Too Few	-2.3	Too Few	74	Too Few	
Haematocrit (HCT)	19.480	19.100	-0.53	Too Few	-2.0	Too Few	107	Too Few	
MCH	31.652	32.000	0.31	Too Few	1.1	Too Few	120	Too Few	
MCHC	33.184	33.000	-0.13	Too Few	-0.6	Too Few	120	Too Few	
MCV	95.445	97.000	0.44	Too Few	1.6	Too Few	115	Too Few	
Mean Platelet Volume	8.977	8.800	-0.30	Too Few	-2.0	Too Few	120	Too Few	
Plateletcrit	0.114	No Result		Too Few		Too Few		Too Few	
Platelets (Optical Count)	129.667	121.000	-0.41	Too Few	-6.7	Too Few	111	Too Few	
RBC (Optical Count)	2.023	1.970	-0.72	Too Few	-2.6	Too Few	83	Too Few	
Red Cell Dist. Width CV	12.941	11.900	-1.52	Too Few	-8.0	Too Few	53	Too Few	
WBC (Optical Count)	2.360	2.400	0.39	Too Few	1.7	Too Few	112	Too Few	

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A



Sample ID	sample12 cycle13	Run Date/Time	30/11/2020 20:17:31	Collect Date/Time	
Cass.	Pos.	Flagging Set	Proteus Standard	Panel	CBC/DIFF Rerun No
Location		Physician		Operator	Supervisor
Sample Comment					
Patient ID					
Last Name	Date of Birth	Age	Gender	Unknown	
First Name					
Patient Comment					

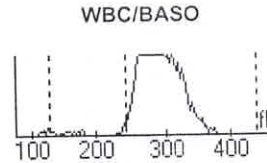
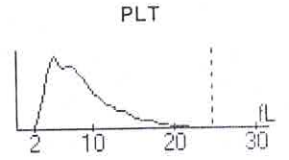
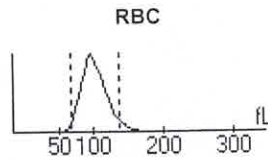
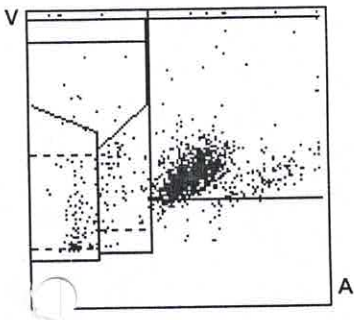
Range		Range		Flags and Messages
WBC	2.4L 10 ³ /μL	4.0 / 11.0	NE	5.3LL % 50.0 / 80.0
RBC	1.97LL 10 ⁶ /μL	4.00 / 6.20	LY	6.0LL % 25.0 / 50.0
HGB	6.3LL g/dL	11.0 / 18.8	MO	0.6LL % 2.0 / 10.0
HCT	19.1LL %	35.0 / 55.0	EO	88.1HH % 0.0 / 5.0
MCV	97 fL	80 / 100	BA % 0.0 / 2.0
MCH	32.0 pg	26.0 / 34.0	NE#	0.12LL 10 ³ /μL 2.00 / 8.00
MCHC	33.0 g/dL	31.0 / 35.0	LY#	0.14LL 10 ³ /μL 1.00 / 5.00
RDW	11.9 %	10.0 / 20.0	MO#	0.02L 10 ³ /μL 0.10 / 1.00
PLT	121L 10 ³ /μL	150 / 400	EO#	2.09HH 10 ³ /μL 0.00 / 0.40
MPV	8.8 fL	6.0 / 10.0	BA# 10 ³ /μL 0.00 / 0.20

Analytical Messages
DB
BASO+

Interpretive Messages
Lymphopenia
Neutropenia
Eosinophilia
Anemia
PLT Aggregates

Miscellaneous Messages
Reagent expired

Result Comment



Microscopic Examination

Neutrophils	_____	Metamyelocytes	_____	Anisocytosis	_____	Retics	_____
Bands	_____	Myelocytes	_____	Hypochromia	_____	Sed. Rate	_____
Lymphocytes	_____	Promyelocytes	_____	Polychromasia	_____		
Monocyte	_____	Blast	_____	Poikilocytosis	_____		
Eosinophils	_____	Atyp. Lymph	_____	Microcytosis	_____		
Basophils	_____	NRBCs	_____	Macrocytosis	_____		

Comments _____ Requested by _____
Reviewed by _____

Raw Data	WBC1	1806	WBC2	1762	LY#	93	SL	28	FNL	13	WBC	1826
	RBC1	11813	RBC2	11794	MO#	10	ATL	2	FMN	0	RA#	1777
	HCT1	1024039	HCT2	1026712	NE#	82	UM	0	FNE	2	DIFF#	1560
	PLT1	10389	PLT2	10201	EO#	1375	LN	10	UN	0	CO%	99.2
	HGBB	3839	HGBM	2821	DB	183	C127	19	IMM	19		

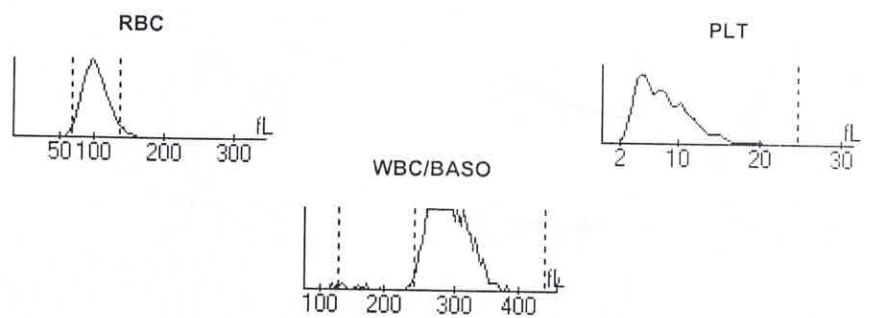
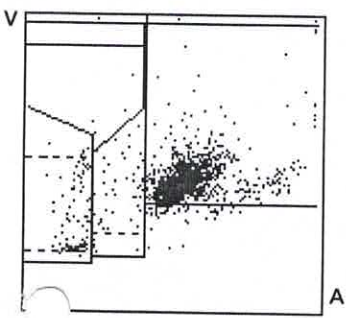
Out of Action Range **xxx** Out of Patient Range **xx.x**

RAW DATA REPORT FOR INVESTIGATIONAL USE ONLY

Sample ID sample12cycle13 Run Date/Time 30/11/2020 20:23:58 Collect Date/Time
 Cass. Pos. Flagging Set Proteus Standard Panel CBC/DIFF Rerun No
 Location Physician Operator Supervisor
 Patient ID
 Last Name Date of Birth Age Gender Unknown
 First Name
 Patient Comment

Range		Range		Flags and Messages
WBC	2.4L 10 ³ /μL 4.0 / 11.0	NE	3.6LL % 50.0 / 80.0	Analytical Messages DB BASO+ Interpretive Messages Lymphopenia Neutropenia Eosinophilia Anemia PLT Aggregates Miscellaneous Messages Reagent expired
RBC	1.9/LL 10 ⁶ /μL 4.00 / 6.20	LY	6.6LL % 25.0 / 50.0	
HGB	6.3LL g/dL 11.0 / 18.8	MO	0.3LL % 2.0 / 10.0	
HCT	19.1LL % 35.0 / 55.0	EO	89.5HH % 0.0 / 5.0	
MCV	97 fL 80 / 100	BA % 0.0 / 2.0	
MCH	32.2 pg 26.0 / 34.0	NE#	0.09LL 10 ³ /μL 2.00 / 8.00	
MCHC	33.2 g/dL 31.0 / 35.0	LY#	0.16LL 10 ³ /μL 1.00 / 5.00	
Ri	12.5 % 10.0 / 20.0	MO#	0.01L 10 ³ /μL 0.10 / 1.00	
PLT	117L 10 ³ /μL 150 / 400	EO#	2.16HH 10 ³ /μL 0.00 / 0.40	
MPV	8.8 fL 6.0 / 10.0	BA# 10 ³ /μL 0.00 / 0.20	

Result Comment



Microscopic Examination

Neutrophils	_____	Metamyelocytes	_____	Anisocytosis	_____	Retics	_____
Bands	_____	Myelocytes	_____	Hypochromia	_____	Sed. Rate	_____
Lymphocytes	_____	Promyelocytes	_____	Polychromasia	_____		
Monocyte	_____	Blast	_____	Poikilocytosis	_____		
Eosinophils	_____	Atyp. Lymph	_____	Microcytosis	_____		
Basophils	_____	NRBCs	_____	Macrocytosis	_____		

Comments _____ Requested by _____
 Reviewed by _____

Raw Data

WBC1	1746	WBC2	1884	LY#	105	SL	41	FNL	14	WBC	1888
RBC1	11767	RBC2	11828	MO#	5	ATL	3	FMN	0	RA#	1829
HCT1	1021670	HCT2	1022960	NE#	57	UM	0	FNE	8	DIFF#	1596
PLT1	10180	PLT2	10201	EO#	1429	LN	9	UN	0	CO%	98.0
HGBB	3831	HGBM	2817	DB	184	C127	12	IMM	12		

Out of Action Range **XX.X** Out of Patient Range **XX.X**

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