

An Audit of the Haemoglobin results obtained with the ITU Radiometer blood Gas analyser compared to results obtained from the Haematology Central Laboratory

Table-1. Descriptive analysis of the results obtained by the ITU ABL blood gas analyser and the Haematology Sysmex laboratory

Variables	All results were included (n=50)		The flyer was excluded (n=49)	
	Radiometer ABL-800 Flex	Haematology Sysmex	Radiometer ABL-800 Flex	Haematology Sysmex
Valid data	50	50	49	49
Missing data	0	0	0	0
Sum	514.7	499.1	490.6	480.5
Mean	10.29	9.98	10.01	9.80
Variance	3.16	2.55	2.75	2.62
Standard deviation	1.78	1.60	1.66	1.62
Variance coefficient	0.17	0.16	0.16	0.16
Standard error of mean	0.25	0.22	0.24	0.23
Upper 95% CL of mean	10.80	10.44	10.48	10.27
Lower 95% CL of mean	9.78	9.52	9.54	9.34
Skewness	0.71	0.65	0.90	0.96
Kurtosis	2.66	2.42	2.54	2.68
Maximum	15.1	13.6	13.8	13.6
Upper quartile	11.3	11	11.3	11
Median	9.95	9.5	10	9.7
Lower quartile	8.9	8.7	8.9	8.7
Minimum	7.5	7.3	7.5	7.3
Range	7.6	6.3	6.3	6.3
Centile 95	13.3	13	13.3	13
Centile 5	8.4	8	8.4	8
p value	0.35		0.54	

Figure-1. All obtained results are included for calculating the differences between ABL-800 Flex & Central Haematology Sysmex tHb (n=50)

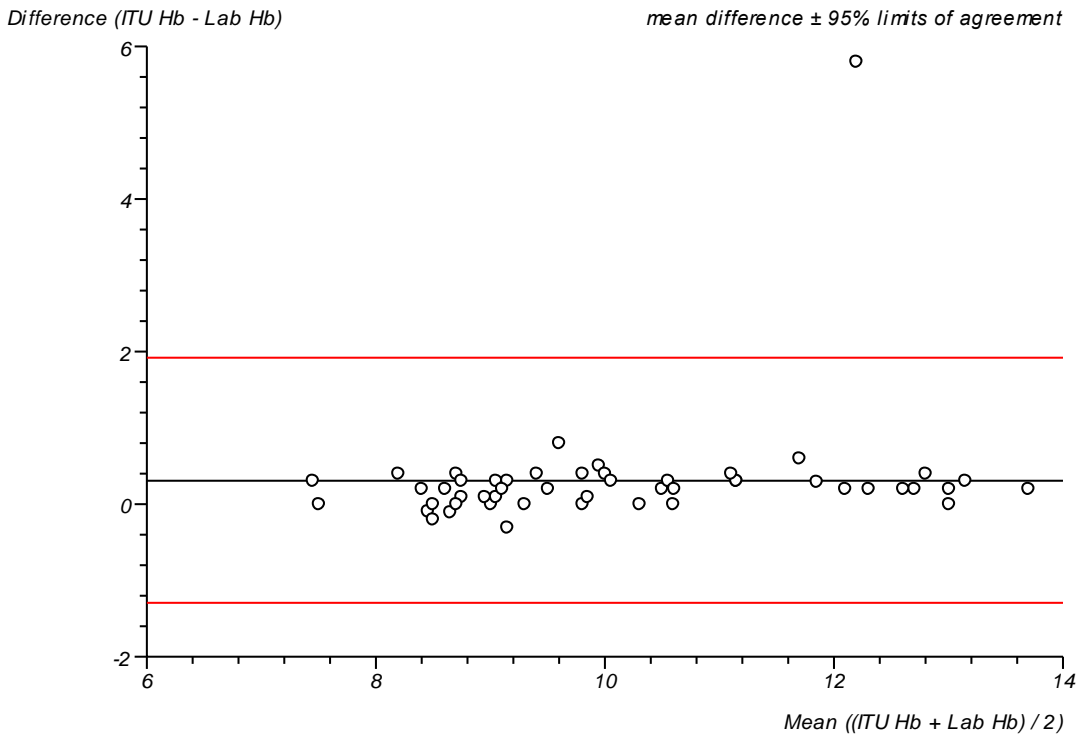


Figure-1. The flyer was excluded from the obtained results for calculating the differences between ABL-800 Flex & Central Haematology Sysmex tHb (n=49)

