



GLYCOHEMOGLOBIN

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Glycohemoglobin - HbA1c										
Initial Grouping by Reagent and Instrument										
Beckman immunoinhib NGSP & Beckman Unicel DXC series	1	4.3 - 7.2	P	5.75	0.27	5.3 - 8.9	P	7.12	0.24	30
BioRad D-10 & BioRad D-10	2	4.1 - 6.9	P	5.51	0.23	5.4 - 9.0	P	7.18	0.23	25
BioRad Variant II & BioRad Variant II	3	4.2 - 6.9	P	5.53	0.16	5.4 - 8.9	P	7.14	0.14	15
J&J Vitros & J&J Vitros 5,1 FS	4	4.3 - 7.1	P	5.69	0.26	5.5 - 9.2	P	7.33	0.31	10
Siemens DCA immunoinhibit & Siemens DCA Vantage	5	4.5 - 7.4	P	5.96	0.18	5.7 - 9.6	P	7.66	0.23	77
Siemens Dimension & Siemens Dimension Rxl	6	4.4 - 7.4	P	5.89	0.12	5.4 - 9.0	P	7.23	0.20	12
Siemens Dimension & Siemens Dimension Xpand	7	4.4 - 7.3	P	5.83	0.27	5.4 - 9.0	P	7.16	0.33	67
Siemens Dimension & Siemens Dimension EXL	8	4.5 - 7.5	P	5.97	0.24	5.5 - 9.1	P	7.29	0.23	18
Tosoh G7 & Tosoh G7	9	4.2 - 7.0	P	5.61	0.08	5.4 - 9.0	P	7.20	0.10	28
Tosoh G8 & Tosoh G8	10	4.2 - 6.9	P	5.56	0.10	5.4 - 9.0	P	7.17	0.09	10
Initial Grouping by Reagent										
Abbott Multigent	11	4.2 - 7.0	P	5.58	0.28	5.7 - 9.5	P	7.58	0.34	12
Beckman IFCC	12	4.1 - 6.8	P	5.46	0.40	5.3 - 8.8	P	7.02	0.57	13
Beckman immunoinhib NGSP	13	4.3 - 7.2	P	5.78	0.27	5.4 - 9.0	P	7.20	0.34	44
BioRad D-10	14	4.1 - 6.9	P	5.51	0.23	5.4 - 9.0	P	7.18	0.23	25
BioRad Variant II	15	4.2 - 6.9	P	5.53	0.16	5.4 - 8.9	P	7.14	0.14	15
J&J Vitros	16	4.3 - 7.1	P	5.71	0.21	5.5 - 9.2	P	7.36	0.27	16
Beckman Olympus	17	4.3 - 7.2	P	5.74	0.16	5.4 - 9.1	P	7.26	0.35	16
Pointe Scientific	18	3.9 - 6.5	P	5.23	0.49	5.3 - 8.8	P	7.06	0.46	31
Roche Tina-Quant	19	4.3 - 7.1	P	5.70	0.26	5.4 - 9.0	P	7.22	0.27	32
Siemens DCA immunoinhibit	20	4.5 - 7.5	P	5.98	0.17	5.8 - 9.6	P	7.70	0.22	170
Siemens Dimension	21	4.4 - 7.4	P	5.88	0.24	5.4 - 9.0	P	7.20	0.29	135
Tosoh G7	22	4.2 - 7.0	P	5.61	0.08	5.4 - 9.0	P	7.20	0.10	28
Tosoh G8	23	4.2 - 6.9	P	5.55	0.09	5.4 - 9.0	P	7.18	0.10	11
Initial Grouping by Sensitivity or Principle										
Liquid chromatography	24	4.2 - 7.0	P	5.56	0.20	5.4 - 9.0	P	7.19	0.18	83
Immunofluorometric-not FPIA	25	4.3 - 7.2	P	5.79	0.26	5.6 - 9.3	P	7.43	0.31	22

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Resin absorption	26	4.3 - 7.2	P 5.76	0.63	5.6 - 9.4	P 7.53	1.07	18		
Turbidity immunoinhibition	27	4.4 - 7.3	P 5.86	0.29	5.6 - 9.3	P 7.41	0.40	430		
Values standardized to DCCT	28	4.1 - 6.8	P 5.47	0.54	5.2 - 8.7	P 6.98	0.66	23		
All other methods	29	4.0 - 6.6	P 5.29	0.45	5.3 - 8.9	P 7.10	0.79	49		
Total Population										
Whole Population	30	4.3 - 7.2	P 5.75	0.37	5.5 - 9.2	P 7.33	0.46	644		

Glycohemoglobin - HbA1

Initial Grouping by Reagent										
Sterling resin absorption	1	5.4 - 9.0	P 7.24	0.83	5.7 - 9.6	P 7.64	0.54	10		
Initial Grouping by Sensitivity or Principle										
Resin absorption	2	5.0 - 8.4	P 6.72	0.98	5.6 - 9.3	P 7.42	0.92	20		
Total Population										
Whole Population	3	4.6 - 7.6	P 6.10	1.93	5.1 - 8.5	P 6.84	2.05	25		

Glycohemoglobin, Total

Whole Population	1	4.7 - 7.9	P 6.29	2.15	5.9 - 9.8	P 7.85	1.48	22
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