



AMERICAN ASSOCIATION OF BIOANALYSTS  
 205 West Levee St. Brownsville, TX 78520  
 (281) 436-5357 - (800) 234-5315 - Fax (713) 781-5008

PARTICIPANT STATISTICS

GLYCOHEMOGLOBIN

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			Mean	SD	No. Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
<b>Glycohemoglobin - HbA1c</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Beckman immunoinhib NGSP & Beckman Unicel DXC series	1	6.0-10.0	P	8.02	0.4	4.2-7.1	P	5.66	0.3	20
BioRad D-10 & BioRad D-10	2	6.4-10.7	P	8.59	0.3	4.2-7.1	P	5.65	0.3	21
BioRad Variant II & BioRad Variant II	3	6.5-10.8	P	8.61	0.3	4.4-7.2	P	5.80	0.2	12
Beckman Olympus & Beck Oly AU 400/600/5400	4	6.2-10.4	P	8.33	0.5	4.1-6.8	P	5.45	0.2	11
Siemens DCA immunoinhibit & Siemens ACS:180	5	6.7-11.1	P	8.89	0.2	4.6-7.7	P	6.15	0.2	13
Siemens DCA immunoinhibit & Siemens DCA 2000	6	6.7-11.2	P	8.95	0.2	4.6-7.6	P	6.09	0.2	43
Siemens DCA immunoinhibit & Siemens DCA Vantage	7	6.7-11.1	P	8.87	0.2	4.6-7.6	P	6.11	0.2	49
Siemens Dimension & Siemens Dimension series	8	6.0-10.0	P	8.00	0.4	4.4-7.3	P	5.83	0.3	32
Siemens Dimension & Siemens Dimension EXL	9	6.1-10.1	P	8.08	0.3	4.4-7.4	P	5.89	0.1	11
Siemens Dimension & Siemens Dimension Rxl	10	6.1-10.1	P	8.08	0.3	4.4-7.3	P	5.82	0.1	10
Siemens Dimension & Siemens Dimension Xpand	11	6.0-10.0	P	7.97	0.3	4.4-7.3	P	5.84	0.2	50
Tosoh A1c 2.2 Plus & Tosoh Alc 2.2 Plus	12	6.4-10.6	P	8.47	0.3	4.3-7.1	P	5.67	0.2	10
Tosoh G7 & Tosoh G7	13	6.3-10.6	P	8.45	0.1	4.3-7.1	P	5.70	0.1	11
<b>Initial Grouping by Reagent</b>										
Beckman IFCC	14	5.9-9.8	P	7.85	0.6	4.1-6.8	P	5.48	0.7	13
Beckman immunoinhib NGSP	15	6.1-10.1	P	8.08	0.4	4.3-7.2	P	5.76	0.4	34
BioRad D-10	16	6.4-10.7	P	8.59	0.3	4.2-7.1	P	5.65	0.3	21
BioRad Variant II	17	6.4-10.7	P	8.58	0.3	4.4-7.2	P	5.80	0.2	13
J&J Vitros	18	6.6-11.1	P	8.85	0.5	4.6-7.7	P	6.18	0.3	11
Beckman Olympus	19	6.2-10.4	P	8.33	0.5	4.1-6.8	P	5.45	0.2	11
Pointe Scientific	20	6.3-10.5	P	8.38	0.6	4.2-7.0	P	5.60	0.7	14
Roche Tina-Quant	21	6.2-10.4	P	8.32	0.4	4.4-7.2	P	5.80	0.3	25
Siemens DCA immunoinhibit	22	6.7-11.1	P	8.91	0.2	4.6-7.7	P	6.12	0.2	117
Siemens Dimension	23	6.0-10.0	P	7.96	0.5	4.5-7.4	P	5.95	0.6	105
Tosoh A1c 2.2 Plus	24	6.4-10.6	P	8.48	0.3	4.3-7.1	P	5.68	0.2	12
Tosoh G7	25	6.3-10.5	P	8.44	0.1	4.3-7.1	P	5.70	0.1	12
Bayer/InView A1cNow	26	5.9-9.8	P	7.82	0.5	4.1-6.8	P	5.40	0.2	10
<b>Initial Grouping by Sensitivity or Principle</b>										
Liquid chromatography	27	6.4-10.6	P	8.50	0.3	4.3-7.2	P	5.78	0.7	63
Immunofluorometric-not FPIA	28	6.6-11.1	P	8.85	0.5	4.6-7.7	P	6.16	0.3	15
Resin absorption	29	6.0-10.1	P	8.05	1.2	4.3-7.2	P	5.76	0.8	13
Turbidity immunoinhibition	30	6.3-10.5	P	8.39	0.6	4.5-7.4	P	5.94	0.5	319
Values standardized to DCCT	31	6.0-10.1	P	8.06	0.7	4.1-6.9	P	5.52	0.5	19
All other methods	32	6.1-10.2	P	8.20	0.8	4.2-7.0	P	5.58	0.6	28
<b>Total Population</b>										
Whole Population	33	6.3-10.5	P	8.41	0.6	4.4-7.3	P	5.84	0.4	683



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<b>Glycohemoglobin - HbA1</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Eagle Diag resin absorption & Other spectrophotometers	1	5.8-9.6	P	7.69	0.4	4.9-8.1	P	6.50	0.3	11
Sterling resin absorption & Pointe Sci 180/Sterl 2000	2	6.1-10.1	P	8.11	0.7	4.8-8.0	P	6.39	0.4	10
<b>Initial Grouping by Reagent</b>										
Eagle Diag resin absorption	3	5.6-9.3	P	7.43	0.6	4.6-7.7	P	6.16	0.7	14
Sterling resin absorption	4	6.0-10.0	P	8.03	0.6	4.8-8.0	P	6.41	0.4	14
<b>Initial Grouping by Sensitivity or Principle</b>										
Resin absorption	5	5.8-9.7	P	7.78	0.7	4.7-7.9	P	6.30	0.6	29
<b>Total Population</b>										
Whole Population	6	5.4-9.0	P	7.22	2.1	4.3-7.2	P	5.76	1.7	35



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		Range & Type	Mean	SD	Range & Type	Mean	SD			
<b>Glycohemoglobin, Total</b>										
<b>Total Population</b>										
Whole Population	1	6.6-11.1	P	8.85	1.9	5.3-8.8	P	7.06	2.4	19