



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**

205 West Levee St. ♦ Brownsville, TX 78520-5596
800-234-5315 ♦ 281-436-5357 ♦ Fax 713-781-5008

FIRST QUADRIMESTER 2011

Whole Blood Glucose (WBG or Blood Glucose)

Name	Line No.	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5			No. of Labs	
		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Initial Grouping by Method																						
Abbott/MediSense Optium	1	177.0 - 265.0	P	221	10.6	84.0 - 126.0	P	105.1	2.8	-	-	-	-	-	-	-	-	-	-	14		
Abbt/Med Pre PCx Lot 6xxxx	2	189.0 - 284.0	P	236.8	13.9	93.0 - 139.0	P	116.1	6.9	25.0 - 38.0	P	31.3	1.8	252.0 - 378.0	P	315	13.7	158.0 - 238.0	P	198.1	8.5	320
Abbott/MediSense Pre. Xtra	3	179.0 - 268.0	P	223.6	14.6	86.0 - 129.0	P	107.1	8.2	17.0 - 29.0	C	23	2.8	248.0 - 372.0	P	309.7	14.4	151.0 - 226.0	P	188.4	10.1	94
Abbott FreeStyle	4	148.0 - 222.0	P	185.1	14.5	73.0 - 109.0	P	91.2	6.6	19.0 - 31.0	C	24.8	2.9	194.0 - 290.0	P	241.9	18.5	121.0 - 182.0	P	151.7	8.9	23
Arkray Assure 4	5	275.0 - 413.0	P	343.8	25.3	144.0 - 216.0	P	180.4	12.2	-	-	-	-	-	-	-	-	-	-	-	14	
Bayer Ascensia Contour 5 sc	6	117.0 - 176.0	P	146.5	5.3	58.0 - 86.0	P	72.1	5.6	10.0 - 22.0	C	16.5	0.7	158.0 - 236.0	P	196.9	6.3	96.0 - 144.0	P	119.9	4.1	113
Bayer Ascens Contour 15 sec	7	163.0 - 244.0	P	203.4	6.8	68.0 - 102.0	P	85	2.5	-	-	-	-	-	-	-	-	-	-	-	13	
HemoCue Glucose 201	8	157.0 - 235.0	P	195.8	5.5	93.0 - 139.0	P	116.1	6.1	45.0 - 67.0	P	56	3.9	201.0 - 301.0	P	251.2	6.2	136.0 - 204.0	P	170.2	4.3	48
Hypoguard Assure Pro	9	187.0 - 281.0	P	234.4	21.7	73.0 - 110.0	P	91.4	7.8	16.0 - 28.0	C	21.5	1.4	257.0 - 386.0	P	321.4	35.5	137.0 - 206.0	P	171.8	13.9	16
LifeScan One Touch Ultra,II	10	162.0 - 242.0	P	202	9.6	74.0 - 111.0	P	92.3	5.4	14.0 - 26.0	C	20	0	218.0 - 327.0	P	272.7	11.3	137.0 - 205.0	P	170.8	7.7	44
LifeScan SureStep	11	172.0 - 259.0	P	215.5	39.5	75.0 - 113.0	P	93.9	14.9	24.0 - 36.0	C	29.5	2.8	297.0 - 446.0	P	371.4	20.9	147.0 - 220.0	P	183.7	14.7	29
LifeScan SureStep Flexx	12	179.0 - 268.0	P	223.6	23.7	82.0 - 123.0	P	102.5	6.1	24.0 - 36.0	P	30	1.8	272.0 - 408.0	P	340.2	21.2	144.0 - 217.0	P	180.6	14.3	190
Nova Biomedical Stat Strip	13	132.0 - 198.0	P	164.7	10	65.0 - 98.0	P	81.4	4.2	13.0 - 25.0	C	19.3	2	184.0 - 276.0	P	230	17	110.0 - 165.0	P	137.6	7.6	56
Roche Accu-Chek Advntg/GDH	14	128.0 - 191.0	P	159.6	7.7	58.0 - 87.0	P	72.8	4.4	7.0 - 19.0	C	13.1	2.5	178.0 - 267.0	P	222.2	11.1	103.0 - 154.0	P	128.3	6.2	80
Roche Accu-Chek Aviva	15	134.0 - 200.0	P	166.9	5.8	66.0 - 99.0	P	82.4	3.3	16.0 - 28.0	C	21.9	2.7	178.0 - 267.0	P	222.5	6.4	112.0 - 169.0	P	140.4	4.9	80
Roche Accu-Chek Comf Curve	16	129.0 - 193.0	P	160.8	9.2	59.0 - 88.0	P	73.4	4.7	7.0 - 19.0	C	13.3	2.7	180.0 - 271.0	P	225.5	12.5	105.0 - 158.0	P	131.4	8	201
Roche Accu-Chek Inform	17	128.0 - 193.0	P	160.5	7.2	58.0 - 88.0	P	73.1	4	6.0 - 18.0	C	12.5	1.9	178.0 - 268.0	P	223	10	103.0 - 154.0	P	128.4	6	860
Roche AccuData GTS	18	124.0 - 186.0	P	155.1	9	56.0 - 84.0	P	69.7	4.4	4.0 - 16.0	C	10.1	0.5	175.0 - 262.0	P	218.7	9.2	100.0 - 151.0	P	125.5	6.9	52
TrueTrack Smart System	19	383.0 - 575.0	P	479	13.8	213.0 - 320.0	P	266.5	6.8	-	-	-	-	-	-	-	-	-	-	-	16	

Correct responses are defined as those reflecting agreement among 80% or more of all participants.

Whole Blood Glucose (WBG or Blood Glucose)

FIRST QUADRIMESTER 2011

Name	Line No.	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				No. of Labs
		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Abbott Precision Xceed Pro	20	166.0 - 249.0	P	207.7	21.4	77.0 - 116.0	P	96.4	13.2	21.0 - 33.0	C	27.4	6.4	231.0 - 346.0	P	288.2	28	143.0 - 214.0	P	178.5	20.5	397
PSS World Medical Quintet	21	157.0 - 235.0	P	195.7	8.2	70.0 - 105.0	P	87.6	4.1	-				-				-				18
Abbt/Med Pre PCx Plus	22	183.0 - 274.0	P	228.5	21.9	88.0 - 132.0	P	109.9	11.6	30.0 - 44.0	P	37	13.1	243.0 - 365.0	P	304.3	15.8	156.0 - 234.0	P	194.7	9.5	18
Abbott Optium EZ	23	182.0 - 274.0	P	228.1	18.4	87.0 - 130.0	P	108.2	6.7	18.0 - 30.0	C	23.7	3.2	237.0 - 355.0	P	295.8	21.2	150.0 - 225.0	P	187.4	5.6	12
Arkray Assure Platinum	24	230.0 - 346.0	P	287.9	14.4	89.0 - 134.0	P	111.4	8.5	-				-				-				18
Initial Grouping by Sensitivity or Principle																						
Hypoguard Supreme	25	211.0 - 316.0	P	263.5	45.3	93.0 - 140.0	P	116.8	36.4	20.0 - 32.0	C	26.2	11.5	268.0 - 401.0	P	334.4	41.4	150.0 - 224.0	P	187	33.9	25
LifeScan SureStep (P/S)	26	178.0 - 267.0	P	222.3	26.2	81.0 - 122.0	P	101.3	8.3	24.0 - 36.0	C	30	2.1	276.0 - 414.0	P	345.4	25.4	144.0 - 216.0	P	180.4	14.5	227
Abbott/MediSens 2nd gen sys	27	174.0 - 261.0	P	217.5	20.4	84.0 - 125.0	P	104.5	9.5	17.0 - 29.0	C	23.3	2.8	233.0 - 350.0	P	291.4	30	144.0 - 217.0	P	180.5	16.5	144
Roche Chemstrip bG	28	129.0 - 193.0	P	160.7	7.8	59.0 - 88.0	P	73.6	4.8	7.0 - 19.0	C	13.3	3.6	178.0 - 267.0	P	222.9	10.1	104.0 - 155.0	P	129.6	7.3	1195
Other low mod rcvry methods	29	166.0 - 249.0	P	207.2	17	76.0 - 113.0	P	94.5	8.7	24.0 - 37.0	P	30.5	8.5	227.0 - 341.0	P	283.9	36.2	140.0 - 210.0	P	175.4	13.9	57
Other mod recovery methods	30	149.0 - 223.0	P	186.1	88.3	72.0 - 108.0	P	90.1	49.2	20.0 - 32.0	C	26	13.3	210.0 - 315.0	P	262.5	115.3	133.0 - 199.0	P	166.2	95.3	235
Other high mod rvry methods	31	127.0 - 191.0	P	159.3	7.7	58.0 - 87.0	P	72.6	4.4	7.0 - 19.0	C	13.1	2.5	178.0 - 267.0	P	222.2	11.1	103.0 - 154.0	P	128.3	6.2	87
Other very high rvry method	32	156.0 - 234.0	P	195	7.5	92.0 - 138.0	P	115.2	8.7	45.0 - 67.0	P	56	3.9	201.0 - 301.0	P	251.2	6.2	136.0 - 204.0	P	170.2	4.3	49
Other	33	177.0 - 265.0	P	220.8	23.5	84.0 - 126.0	P	105.1	14.6	24.0 - 36.0	P	30.4	5.7	245.0 - 367.0	P	305.7	24.3	153.0 - 230.0	P	191.4	16.7	738
Arkray Assure series	34	243.0 - 365.0	P	304	44.8	111.0 - 166.0	P	138.3	36.2	19.0 - 31.0	C	25.4	1.9	327.0 - 490.0	P	408.2	19.9	178.0 - 268.0	P	223.1	24.1	36
Total Population																						
Whole Population	35	149.0 - 223.0	P	186	32.7	69.0 - 103.0	P	86.2	16.3	15.0 - 27.0	C	21.4	4.3	206.0 - 308.0	P	257	44.7	122.0 - 184.0	P	153	28.7	2894

Correct responses are defined as those reflecting agreement among 80% or more of all participants.