



**ASSIGNED VALUES SHEET, 2012-09-27**

**REF**

**108-20W**

**LOT**

**30367**



**EXP 2013-12**

ANALYTES	ASSAY UNIT	LEVEL 1 27221		LEVEL 2 27222		SI UNIT	LEVEL 1 27221		LEVEL 2 27222	
		Mean	Range	Mean	Range		Mean	Range	Mean	Range
<b>AFP (ALPHA-FETOPROTEIN)</b>										
Abbott ARCHITECT*	ng/mL	21.54	15.08 – 28.00	282.36	197.65 – 367.06	µg/L	21.54	15.08 – 28.00	282.36	197.65 – 367.06
Abbott AxSYM	ng/mL	21.07	14.75 – 27.39	274.70	192.29 – 357.11	µg/L	21.07	14.75 – 27.39	274.70	192.29 – 357.11
Fujirebio Diagnostics CanAg EIA*	µg/L	20.8	14.5 – 27.0	284	199 – 369	µg/L	20.8	14.5 – 27.0	284	199 – 369
Roche MODULAR E170	ng/mL	20	14 – 26	268	188 – 349	µg/L	20	14 – 26	268	188 – 349
BECKMAN COULTER UniCel® Dxl 600	IU/mL	19.0	13.3 – 24.6	238.7	167.1 – 310.3	kIU/L	19.0	13.3 – 24.6	238.7	167.1 – 310.3
BECKMAN COULTER UniCel® Dxl 800	ng/mL	17.76	12.43 – 23.09	229.74	160.82 – 298.66	µg/L	17.76	12.43 – 23.09	229.74	160.82 – 298.66
bioMérieux miniVIDAS®	IU/mL	16.40	11.48 – 21.32	205.76	144.03 – 267.49	kIU/L	16.40	11.48 – 21.32	205.76	144.03 – 267.49
bioMérieux VIDAS®	IU/mL	16.34	11.44 – 21.24	203.18	142.22 – 264.13	kIU/L	16.34	11.44 – 21.24	203.18	142.22 – 264.13
BRAHMS KRYPTOR*	ng/mL	16.00	11.20 – 20.80	186.3	130.4 – 242.2	µg/L	16.00	11.20 – 20.80	186.3	130.4 – 242.2
DiaSorin LIAISON®*	IU/mL	18.3	12.82 – 23.8	228.42	159.89 – 296.95	kIU/L	18.3	12.82 – 23.8	228.42	159.89 – 296.95
DiaSource IRMA*	IU/mL	35	24.4 – 45.6	471	353 – 589	kIU/L	35	24.4 – 45.6	471	353 – 589
Siemens IMMULITE® 2000	IU/mL	14.84	10.39 – 19.30	196	138 – 255	kIU/L	14.84	10.39 – 19.30	196	138 – 255
TOSOH AIA 1800	ng/mL	20.1	14.1 – 26.1	244.6	171.2 – 317.9	µg/L	20.1	14.1 – 26.1	244.6	171.2 – 317.9
Ortho Vitros Eci	IU/mL	13.9	9.8 – 18.1	167	117 – 218	kIU/L	13.9	9.8 – 18.1	167	117 – 218
<b>CA15-3</b>										
Abbott ARCHITECT	U/mL	15.5	10.8 – 20.2	135.9	95.1 – 176.7	kU/L	15.5	10.8 – 20.2	135.9	95.1 – 176.7
Abbott AxSYM	U/mL	16.3	11.4 – 21.1	143.3	100.3 – 186.3	kU/L	16.3	11.4 – 21.1	143.3	100.3 – 186.3
bioMérieux miniVIDAS®	U/mL	16.8	11.7 – 21.8	105	74 – 137	kU/L	16.8	11.7 – 21.8	105	74 – 137
bioMérieux VIDAS®	U/mL	16.7	11.7 – 21.7	105	74 – 137	kU/L	16.7	11.7 – 21.7	105	74 – 137
Fujirebio Diagnostics CanAg EIA*	U/mL	14.1	9.9 – 18.3	111	77.4 – 144	kU/L	14.1	9.9 – 18.3	111	77.4 – 144
Roche MODULAR E170	U/mL	18	12 – 23	124	87 – 161	kU/L	18	12 – 23	124	87 – 161
BECKMAN COULTER UniCel® Dxl 800	U/mL	11.5	8.1 – 15.0	80.8	56.6 – 105.1	kU/L	11.5	8.1 – 15.0	80.8	56.6 – 105.1
BRAHMS KRYPTOR*	U/mL	16.22	11.35 – 21.08	141.0	98.7 – 183.2	kU/L	16.22	11.35 – 21.08	141.0	98.7 – 183.2
DiaSorin LIAISON®*	U/mL	15.91	11.14 – 20.69	106.05	74.24 – 137.87	kU/L	15.91	11.14 – 20.69	106.05	74.24 – 137.87
DiaSource IRMA*	U/mL	14.2	10.6 – 17.8	113	89 – 137	kU/L	14.2	10.6 – 17.8	113	89 – 137
Siemens ADVIA Centaur XP	U/mL	17	12 – 22	152	106 – 197	kU/L	17	12 – 22	152	106 – 197
Siemens IMMULITE® 2000	U/mL	22.0	15.4 – 28.6	160	112 – 208	kU/L	22.0	15.4 – 28.6	160	112 – 208
Ortho Vitros Eci	U/mL	16.2	11.3 – 21.0	126	88 – 164	kU/L	16.2	11.3 – 21.0	126	88 – 164
<b>CA27.29</b>										
<b>CA19-9</b>										
Abbott ARCHITECT	U/mL	48.51	33.96 – 63.06	534.61	374.22 – 694.99	kU/L	48.51	33.96 – 63.06	534.61	374.22 – 694.99
Abbott AxSYM*	U/mL	15.16	10.61 – 19.70	143.37	100.36 – 186.38	kU/L	15.16	10.61 – 19.70	143.37	100.36 – 186.38
Fujirebio Diagnostics CanAg EIA*	U/mL	13.2	9.2 – 17.2	95.0	66.5 – 123	kU/L	13.2	9.2 – 17.2	95.0	66.5 – 123
Roche MODULAR E170	U/mL	17	12 – 22	121	85 – 158	kU/L	17	12 – 22	121	85 – 158
BECKMAN COULTER UniCel® Dxl 800	U/mL	16.4	11.4 – 21.4	148.6	104.0 – 193.1	kU/L	16.4	11.4 – 21.4	148.6	104.0 – 193.1
bioMérieux miniVIDAS®	U/mL	20.6	14.4 – 26.8	236	165 – 307	kU/L	20.6	14.4 – 26.8	236	165 – 307
bioMérieux VIDAS®	U/mL	22.2	14.5 – 29.8	235	161 – 310	kU/L	22.2	14.5 – 29.8	235	161 – 310
BRAHMS KRYPTOR*	U/mL	21.26	14.88 – 27.64	127.3	89.1 – 165.5	kU/L	21.26	14.88 – 27.64	127.3	89.1 – 165.5
DiaSorin LIAISON®*	U/mL	28.3	20.18 – 37.48	231.13	161.79 – 300.47	kU/L	28.3	20.18 – 37.48	231.13	161.79 – 300.47
DiaSource IRMA*	U/mL	24	15.9 – 32.1	81	59 – 103	kU/L	24	15.9 – 32.1	81	59 – 103
Siemens IMMULITE® 2000*	U/mL	20.0	14.0 – 26.0	165	115 – 214	kU/L	20.0	14.0 – 26.0	165	115 – 214
TOSOH AIA 1800	U/mL	14.2	10.0 – 18.5	73	51 – 95	kU/L	14.2	10.0 – 18.5	73	51 – 95
Ortho Vitros Eci	U/mL	21.7	15.2 – 28.2	232	162 – 302	kU/L	21.7	15.2 – 28.2	232	162 – 302
<b>CA125</b>										
Abbott ARCHITECT	U/mL	25.2	17.6 – 32.7	365.3	255.7 – 475.0	kU/L	25.2	17.6 – 32.7	365.3	255.7 – 475.0
Abbott AxSYM	U/mL	22.55	15.79 – 29.32	338.87	237.21 – 440.53	kU/L	22.55	15.79 – 29.32	338.87	237.21 – 440.53
Fujirebio Diagnostics CanAg EIA*	U/mL	17.0	11.9 – 22.1	321	225 – 417	kU/L	17.0	11.9 – 22.1	321	225 – 417
Roche MODULAR E170	U/mL	19	13 – 25	287	201 – 373	kU/L	19	13 – 25	287	201 – 373
BECKMAN COULTER UniCel® Dxl 800	U/mL	20.8	14.6 – 27.1	354.0	247.8 – 460.2	kU/L	20.8	14.6 – 27.1	354.0	247.8 – 460.2
bioMérieux miniVIDAS®	U/mL	17.4	12.2 – 22.6	339	237 – 440	kU/L	17.4	12.2 – 22.6	339	237 – 440
bioMérieux VIDAS®	U/mL	16.6	11.6 – 21.6	325	227 – 422	kU/L	16.6	11.6 – 21.6	325	227 – 422
BRAHMS KRYPTOR*	U/mL	15.09	10.56 – 19.62	252.5	176.8 – 328.3	kU/L	15.09	10.56 – 19.62	252.5	176.8 – 328.3
DiaSorin LIAISON®*	U/mL	24.55	17.19 – 31.92	460.64	322.45 – 598.83	kU/L	24.55	17.19 – 31.92	460.64	322.45 – 598.83
DiaSource IRMA*	U/mL	32	24 – 40	460	345 – 575	kU/L	32	24 – 40	460	345 – 575
Siemens ADVIA Centaur XP	U/mL	20	14 – 26	298	209 – 388	kU/L	20	14 – 26	298	209 – 388
Siemens IMMULITE® 1000	U/mL	19.3	13.5 – 25.1	344	241 – 447	kU/L	19.3	13.5 – 25.1	344	241 – 447
Siemens IMMULITE® 2000	U/mL	17.5	12.2 – 22.8	326	228 – 423	kU/L	17.5	12.2 – 22.8	326	228 – 423
Ortho Vitros Eci	U/mL	17.5	12.3 – 22.8	328	229 – 426	kU/L	17.5	12.3 – 22.8	328	229 – 426
<b>CA242</b>										
Fujirebio Diagnostics CanAg EIA*	U/mL	12.4	8.7 – 16.2	83	58 – 107	kU/L	12.4	8.7 – 16.2	83	58 – 107

ANALYTES	ASSAY UNIT	LEVEL 1 27221		LEVEL 2 27222		SI UNIT	LEVEL 1 27221		LEVEL 2 27222	
		Mean	Range	Mean	Range		Mean	Range	Mean	Range
<b>CEA (CARCINOEMBRYONIC ANTIGEN)</b>										
Abbott ARCHITECT	ng/mL	4.66	3.26 – 6.06	62.12	43.48 – 80.76	µg/L	4.66	3.26 – 6.06	62.12	43.48 – 80.76
Abbott AxSYM	ng/mL	4.7	3.3 – 6.1	62.0	43.4 – 80.7	µg/L	4.7	3.3 – 6.1	62.0	43.4 – 80.7
Fujirebio Diagnostics CanAg EIA*	µg/L	3.59	2.51 – 4.67	45.3	31.7 – 58.9	µg/L	3.59	2.51 – 4.67	45.3	31.7 – 58.9
Roche MODULAR E170	ng/mL	3.89	2.72 – 5.06	47.08	32.96 – 61.20	µg/L	3.89	2.72 – 5.06	47.08	32.96 – 61.20
BECKMAN COULTER UniCel® Dxl 800	ng/mL	4.17	2.92 – 5.42	57.06	39.94 – 74.18	µg/L	4.17	2.92 – 5.42	57.06	39.94 – 74.18
bioMérieux miniVIDAS®	ng/mL	4.07	2.85 – 5.29	60.9	42.6 – 79.2	µg/L	4.07	2.85 – 5.29	60.9	42.6 – 79.2
bioMérieux VIDAS®	ng/mL	3.80	2.66 – 4.94	61.2	42.8 – 79.5	µg/L	3.80	2.66 – 4.94	61.2	42.8 – 79.5
BRAHMS KRYPTOR*	ng/mL	3.066	2.146 – 3.986	43.87	30.71 – 57.03	µg/L	3.066	2.146 – 3.986	43.87	30.71 – 57.03
DiaSorin LIAISON®*	ng/mL	4.03	2.82 – 5.23	56.9	39.83 – 73.96	µg/L	4.03	2.82 – 5.23	56.9	39.83 – 73.96
DiaSource IRMA*	ng/mL	2.1	0.6 – 3.6	39.7	27.7 – 51.7	µg/L	2.1	0.6 – 3.6	39.7	27.7 – 51.7
Randox EVIDENCE*	ng/mL	3.97	2.78 – 5.16	59.88	41.92 – 77.85	µg/L	3.97	2.78 – 5.16	59.88	41.92 – 77.85
Siemens IMMULITE® 2000	ng/mL	5.14	3.60 – 6.68	71.7	50.2 – 93.2	µg/L	5.14	3.60 – 6.68	71.7	50.2 – 93.2
TOSOH AIA 1800	ng/mL	4.4	3.1 – 5.7	51.5	36.1 – 67.0	µg/L	4.4	3.1 – 5.7	51.5	36.1 – 67.0
Ortho Vitros ECi	ng/mL	2.93	2.05 – 3.81	43.9	30.7 – 57.0	µg/L	2.93	2.05 – 3.81	43.9	30.7 – 57.0
<b>FERRITIN</b>										
Abbott ARCHITECT	ng/mL	57.84	40.48 – 75.19	379.54	265.68 – 493.41	µg/L	57.84	40.48 – 75.19	379.54	265.68 – 493.41
Abbott AxSYM	ng/mL	48.51	33.96 – 63.06	346.14	242.30 – 449.98	µg/L	48.51	33.96 – 63.06	346.14	242.30 – 449.98
Roche MODULAR E170	ng/mL	58.51	40.96 – 76.06	351.0	245.7 – 456.3	µg/L	58.51	40.96 – 76.06	351.0	245.7 – 456.3
BECKMAN COULTER UniCel® Dxl 800	ng/mL	38.0	26.6 – 49.5	246.8	172.8 – 320.8	µg/L	38.0	26.6 – 49.5	246.8	172.8 – 320.8
bioMérieux miniVIDAS®	ng/mL	52.2	22.5 – 82.0	316	147 – 485	µg/L	52.2	22.5 – 82.0	316	147 – 485
bioMérieux VIDAS®	ng/mL	55.8	39.1 – 72.6	353	188 – 517	µg/L	55.8	39.1 – 72.6	353	188 – 517
BRAHMS KRYPTOR*	ng/mL	47.57	33.30 – 61.84	316.5	221.6 – 411.5	µg/L	47.57	33.30 – 61.84	316.5	221.6 – 411.5
DiaSorin LIAISON®*	ng/mL	48.99	34.29 – 63.68	347	242.90 – 396.88	µg/L	48.99	34.29 – 63.68	347	242.90 – 396.88
Siemens IMMULITE® 2000	ng/mL	55.9	39.1 – 72.6	327	229 – 425	µg/L	55.9	39.1 – 72.6	327	229 – 425
TOSOH AIA 1800	ng/mL	39.6	27.7 – 51.4	248	173 – 322	µg/L	39.6	27.7 – 51.4	248	173 – 322
Ortho Vitros ECi	ng/mL	43.6	30.5 – 56.7	230	161 – 299	µg/L	43.6	30.5 – 56.7	230	161 – 299
<b>HE4 (HUMAN EPIDIDYMIS PROTEIN 4)</b>										
Abbott ARCHITECT	pmol/L	83.1	58.2 – 108.0	841.2	588.8 – 1093.6	pmol/L	83.1	58.2 – 108.0	841.2	588.8 – 1093.6
Fujirebio Diagnostics EIA	pM	75	53 – 98	708	531 – 885	pmol/L	75	53 – 98	708	531 – 885
<b>PSA (PROSTATE SPECIFIC ANTIGEN)</b>										
Abbott ARCHITECT	ng/mL	2.791	1.954 – 3.628	27.910	19.537 – 36.283	µg/L	2.791	1.954 – 3.628	27.910	19.537 – 36.283
Abbott AxSYM	ng/mL	2.45	1.71 – 3.18	26.01	18.20 – 33.81	µg/L	2.45	1.71 – 3.18	26.01	18.20 – 33.81
Fujirebio Diagnostics CanAg EIA*	µg/L	2.53	1.77 – 3.29	25.1	17.6 – 32.6	µg/L	2.53	1.77 – 3.29	25.1	17.6 – 32.6
Roche MODULAR E170	ng/mL	2.74	1.92 – 3.56	26.62	18.64 – 34.61	µg/L	2.74	1.92 – 3.56	26.62	18.64 – 34.61
Beckman Access 2 (Hybritech)	ng/mL	3.003	2.102 – 3.903	30.8	21.5 – 40.0	µg/L	3.003	2.102 – 3.903	30.8	21.5 – 40.0
BECKMAN COULTER UniCel® Dxl 800 (Hybritech)	ng/mL	3.12	2.19 – 4.06	32.59	22.82 – 42.37	µg/L	3.12	2.19 – 4.06	32.59	22.82 – 42.37
bioMérieux miniVIDAS®	ng/mL	3.11	2.17 – 4.04	30.8	21.5 – 40.0	µg/L	3.11	2.17 – 4.04	30.8	21.5 – 40.0
bioMérieux VIDAS®	ng/mL	3.39	2.37 – 4.40	32.5	22.7 – 42.2	µg/L	3.39	2.37 – 4.40	32.5	22.7 – 42.2
BRAHMS KRYPTOR*	ng/mL	2.302	1.612 – 2.993	23.30	16.31 – 30.29	µg/L	2.302	1.612 – 2.993	23.30	16.31 – 30.29
DiaSorin LIAISON®*	ng/mL	2.51	1.76 – 3.27	28.62	20.03 – 37.20	µg/L	2.51	1.76 – 3.27	28.62	20.03 – 37.20
Randox EVIDENCE*	ng/mL	2.719	1.866 – 3.571	28.61	15.86 – 41.36	µg/L	2.719	1.866 – 3.571	28.61	15.86 – 41.36
Siemens IMMULITE® 1000	ng/mL	3.00	2.10 – 3.90	27.0	18.9 – 35.2	µg/L	3.00	2.10 – 3.90	27.0	18.9 – 35.2
Siemens IMMULITE® 2000	ng/mL	3.332	2.332 – 4.332	27.810	19.467 – 36.153	µg/L	3.332	2.332 – 4.332	27.810	19.467 – 36.153
TOSOH AIA 1800	ng/mL	2.73	1.91 – 3.55	25.07	17.55 – 32.60	µg/L	2.73	1.91 – 3.55	25.07	17.55 – 32.60
Ortho Vitros ECi	ng/mL	2.40	1.68 – 3.11	21.0	14.7 – 27.2	µg/L	2.40	1.68 – 3.11	21.0	14.7 – 27.2
<b>FREE PSA (PROSTATE SPECIFIC ANTIGEN, FREE)</b>										
Abbott ARCHITECT	ng/mL	1.028	0.719 – 1.336	10.130	7.091 – 13.170	µg/L	1.028	0.719 – 1.336	10.130	7.091 – 13.170
Abbott AxSYM	ng/mL	1.001	0.701 – 1.302	>10	N/A	µg/L	1.001	0.701 – 1.302	>10	N/A
Fujirebio Diagnostics CanAg EIA*	µg/L	0.63	0.44 – 0.82	7.15	5.01 – 9.30	µg/L	0.63	0.44 – 0.82	7.15	5.01 – 9.30
Roche MODULAR E170	ng/mL	0.819	0.573 – 1.065	8.35	5.85 – 10.86	µg/L	0.819	0.573 – 1.065	8.35	5.85 – 10.86
Beckman Access 2 (Hybritech)	ng/mL	1.095	0.766 – 1.423	10.27	7.19 – 13.35	µg/L	1.095	0.766 – 1.423	10.27	7.19 – 13.35
BECKMAN COULTER UniCel® Dxl 800 (Hybritech)	ng/mL	0.92	0.65 – 1.20	9.69	6.78 – 12.60	µg/L	0.92	0.65 – 1.20	9.69	6.78 – 12.60
bioMérieux miniVIDAS®	ng/mL	1.33	0.93 – 1.73	>10.00	N/A	µg/L	1.33	0.93 – 1.73	>10.00	N/A
bioMérieux VIDAS®	ng/mL	1.41	0.99 – 1.83	>10.00	N/A	µg/L	1.41	0.99 – 1.83	>10.00	N/A
BRAHMS KRYPTOR*	ng/mL	0.925	0.647 – 1.202	9.624	6.737 – 12.511	µg/L	0.925	0.647 – 1.202	9.624	6.737 – 12.511
DiaSorin LIAISON®*	ng/mL	0.89	0.62 – 1.16	7.86	5.50 – 10.22	µg/L	0.89	0.62 – 1.16	7.86	5.50 – 10.22
Randox EVIDENCE*	ng/mL	N/A	N/A	3.86	2.17 – 5.54	µg/L	N/A	N/A	3.86	2.17 – 5.54
Siemens IMMULITE® 2000	ng/mL	0.90	0.62 – 1.17	8.7	6.1 – 11.3	µg/L	0.90	0.62 – 1.17	8.7	6.1 – 11.3

\* For users outside the United States only

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(1) CanAg, CA15-3, CA19-9 and CA125 are registered trademarks of Fujirebio Diagnostics, Inc. 201 Great Valley Parkway, Malvern, PA 19355 USA

(2) ARCHITECT and AxSYM are registered trademarks of Abbott Laboratories, Diagnostic Division, Abbott Park, IL 60064 USA

(3) MODULAR E170 is a registered trademark of Roche Diagnostics, 9115 Hague Road, Indianapolis, IN 46250-0457 USA



Updates of assigned values will be available on [www.fdab.com](http://www.fdab.com)

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