



Cardiac Markers / Isoenzymes

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	
<b>Brain Natriuretic Peptide (BNP)</b>																	
<b>Initial Grouping by Reagent and Instrument</b>																	
Abbott Architect & Abbott Architect c, ci, i	1	2836 - 4496 S	3666.3	276.7	190 - 390 S	290.3	33.3	500 - 999 S	749.6	83.1	1326 - 2603 S	1964.4	212.8	0 - 40 C	19.9	1.8	11
Alere Triage & Alere Triage Meter	2	1038 - 3449 S	2243.6	401.9	197 - 483 S	340.1	47.6	369 - 893 S	630.9	87.2	685 - 1729 S	1206.9	174.0	20 - 60 C	40.2	6.2	41
<b>Initial Grouping by Reagent</b>																	
Abbott Architect	3	2836 - 4496 S	3666.3	276.7	190 - 390 S	290.3	33.3	500 - 999 S	749.6	83.1	1326 - 2603 S	1964.4	212.8	0 - 40 C	19.9	1.8	11
Alere Triage	4	1107 - 3404 S	2255.3	382.9	196 - 481 S	338.6	47.4	384 - 890 S	636.8	84.3	683 - 1721 S	1201.8	173.0	21 - 61 C	40.9	6.3	49
<b>Initial Grouping by Sensitivity or Principle</b>																	
All Abbott BNP	5	1943 - 5065 S	3504.1	520.2	59 - 605 S	332.2	91.1	336 - 1254 S	795.2	153.0	988 - 2867 S	1927.7	313.2	0 - 60 S	26.1	11.5	15
All Alere BNP	6	1064 - 3525 S	2294.7	410.2	172 - 526 S	349.1	59.1	343 - 967 S	655.3	104.0	642 - 1817 S	1229.3	195.9	16 - 70 S	42.6	9.0	57
<b>Total Population</b>																	
Whole Population	7	428 - 4584 S	2506.0	692.7	114 - 555 S	334.6	73.5	237 - 1087 S	662.1	141.6	238 - 2431 S	1334.3	365.5	2 - 74 S	38.0	12.0	80
<b>CK-2 (CK-MB), U/L</b>																	
<b>Total Population</b>																	
Whole Population	1	0 - 435 S	141.7	97.8	0 - 103 S	29.7	24.3	0 - 159 S	47.3	37.2	0 - 113 S	52.3	20.3	0 - 56 S	14.7	13.7	5
<b>CK-2 (CK-MB), ng/mL (ug/L)</b>																	
<b>Initial Grouping by Reagent and Instrument</b>																	
Alere Triage & Alere Triage Meter	1	0 - 75 S	37.7	12.5	0 - 19 S	8.0	3.6	5 - 19 S	12.1	2.3	5 - 40 S	22.2	5.8	0 - 5 S	2.4	0.8	10
Beckman Coulter Access & Beckman Coulter Access	2	107 - 133 S	119.9	4.3	19 - 23 S	20.8	0.7	31 - 39 S	35.4	1.3	54 - 71 S	62.9	2.8	7 - 9 C	8.0	0.0	14
Siemens Dimension & Siemens Dimension EXL	3	93 - 132 S	112.8	6.5	13 - 20 S	16.3	1.3	23 - 37 S	29.7	2.4	36 - 76 S	56.0	6.8	4 - 7 S	5.6	0.6	25
Siemens Dimension LOCI & Siemens Dimension EXL	4	94 - 141 S	117.4	7.8	13 - 20 S	16.4	1.3	25 - 37 S	30.9	1.9	46 - 71 S	58.3	4.2	4 - 8 S	5.8	0.7	12
<b>Initial Grouping by Reagent</b>																	
Alere Triage	5	0 - 79 S	34.8	14.7	0 - 21 S	8.8	4.1	5 - 19 S	11.7	2.4	0 - 41 S	20.4	6.8	0 - 5 S	2.6	0.9	13
Beckman Coulter Access	6	106 - 133 S	119.5	4.3	19 - 23 S	20.7	0.7	31 - 39 S	35.3	1.3	54 - 71 S	62.5	3.0	7 - 9 C	8.0	0.0	15
Siemens Dimension	7	93 - 132 S	112.5	6.4	12 - 20 S	16.3	1.3	23 - 37 S	29.6	2.3	36 - 76 S	56.0	6.6	4 - 7 S	5.6	0.6	28
Siemens Dimension LOCI	8	80 - 150 S	115.2	11.7	12 - 20 S	16.3	1.3	23 - 38 S	30.5	2.6	40 - 75 S	57.4	5.8	4 - 8 S	5.8	0.7	14
<b>Initial Grouping by Sensitivity or Principle</b>																	
Standardized methods	9	68 - 153 S	110.6	14.2	9 - 25 S	17.3	2.6	18 - 43 S	30.6	4.2	33 - 80 S	56.5	8.0	3 - 10 S	6.4	1.2	88
All Alere Triage Methods	10	0 - 72 S	35.5	12.1	0 - 18 S	8.1	3.5	5 - 19 S	11.9	2.3	2 - 39 S	20.5	6.0	0 - 5 S	2.6	0.7	21
All Ortho Vitros	11	60 - 75 S	67.4	2.4	11 - 13 S	12.2	0.4	17 - 23 S	20.1	0.9	32 - 39 S	35.4	1.1	4 - 6 C	5.0	0.0	11
<b>Total Population</b>																	
Whole Population	12	0 - 190 S	93.5	32.3	2 - 29 S	15.2	4.5	2 - 51 S	26.3	8.2	0 - 96 S	48.2	15.9	0 - 11 S	5.6	1.8	120
<b>Myoglobin</b>																	
<b>Initial Grouping by Reagent and Instrument</b>																	
Siemens CrO2 & Siemens Dimension EXL	1	402 - 747 P	574.9	24.9	68 - 126 P	96.6	3.0	115 - 214 P	164.5	5.1	208 - 386 P	296.8	9.7	21 - 51 C	35.8	2.3	13
<b>Initial Grouping by Reagent</b>																	
Alere Triage	2	267 - 496 P	381.4	48.3	69 - 128 P	98.2	14.9	100 - 186 P	143.0	22.7	164 - 305 P	234.3	38.6	22 - 52 C	36.6	8.5	12
Siemens CrO2	3	402 - 747 P	574.9	24.9	68 - 126 P	96.6	3.0	115 - 214 P	164.5	5.1	208 - 386 P	296.8	9.7	21 - 51 C	35.8	2.3	13
<b>Initial Grouping by Sensitivity or Principle</b>																	
Spectrophotometric	4	337 - 627 P	482.0	103.9	68 - 127 P	97.4	10.6	108 - 200 P	154.2	19.4	187 - 347 P	266.8	41.7	21 - 51 C	36.2	6.1	25
Luminometric	5	280 - 520 P	400.1	79.7	53 - 98 P	75.2	14.9	85 - 158 P	121.4	23.0	150 - 279 P	214.7	41.6	16 - 46 C	31.3	7.3	10
<b>Total Population</b>																	
Whole Population	6	319 - 593 P	455.8	102.3	63 - 117 P	89.7	16.0	100 - 186 P	143.4	25.5	175 - 324 P	249.3	47.7	19 - 49 C	34.3	6.9	38
<b>NT-proBNP 5v</b>																	

**Initial Grouping by Reagent and Instrument**

Siemens Dimension LOCI & Siemens Dimension EXL	1	1571 - 2150	S 1860.2	96.5	126 - 170	S 147.8	7.3	294 - 381	S 337.8	14.5	699 - 886	S 792.3	31.2	0 - 36	C 16.2	1.2	19
<b>Initial Grouping by Reagent</b>																	
Siemens Dimension LOCI	2	1359 - 2431	S 1895.0	178.7	69 - 239	S 154.1	28.4	195 - 504	S 349.2	51.5	538 - 1086	S 812.0	91.2	0 - 37	C 16.8	2.6	20
Siemens NT-PBNP	3	0 - 9243	S 3898.9	1781.4	0 - 1328	S 443.6	294.8	0 - 2572	S 907.4	554.7	0 - 4821	S 1849.4	990.6	0 - 89	S 35.3	17.9	10
<b>Total Population</b>																	
Whole Population	4	0 - 12987	S 4215.9	2923.7	0 - 1748	S 485.0	420.8	0 - 3449	S 993.3	818.7	0 - 6669	S 2028.9	1546.7	0 - 127	S 40.0	29.0	48

**Troponin I****Initial Grouping by Reagent and Instrument**

Alere Triage & Alere Triage Meter	1	10.12 - 16.87	P 13.495	4.838	0.52 - 0.92	C 0.723	0.141	1.84 - 3.07	P 2.454	0.696	5.2 - 8.67	P 6.935	1.337	0 - 0.25	C 0.05	0.0	19
Beckman Access AccuTnl, AccuTnl Enh & Beckman Coulter Access	2	5.27 - 8.79	P 7.033	0.439	0.39 - 0.79	C 0.592	0.033	0.98 - 1.63	P 1.305	0.067	2.18 - 3.64	P 2.912	0.151	0 - 0.24	C 0.036	0.005	22
Ortho Vitros & Ortho Vitros 3600, 5600	3	46.95 - 78.25	P 62.6	4.587	5.47 - 9.12	P 7.296	0.507	11.27 - 18.79	P 15.033	1.15	22.67 - 37.79	P 30.233	2.516	0.3 - 0.7	C 0.5	0.036	12
Siemens Dimension LOCI & Siemens Dimension EXL	4	3.1 - 5.16	P 4.128	0.21	0.26 - 0.66	C 0.456	0.032	0.73 - 1.22	P 0.976	0.065	1.48 - 2.47	P 1.975	0.19	0 - 0.22	C 0.018	0.009	43
<b>Initial Grouping by Reagent</b>																	
Abbott i-STAT	5	38.24 - 63.73	P 50.987	21.841	5.08 - 8.47	P 6.777	2.659	10.43 - 17.39	P 13.91	5.556	23.4 - 39.0	P 31.201	12.785	0.31 - 0.71	C 0.511	0.183	10
Alere Triage	6	9.74 - 16.23	P 12.985	5.194	0.63 - 1.06	P 0.846	0.562	1.76 - 2.93	P 2.346	0.723	4.86 - 8.11	P 6.485	1.872	0 - 0.25	C 0.05	0.0	23
Beckman Access AccuTnl, AccuTnl Enh	7	5.26 - 8.77	P 7.014	0.438	0.39 - 0.79	C 0.59	0.033	0.97 - 1.62	P 1.298	0.073	2.18 - 3.63	P 2.903	0.154	0 - 0.24	C 0.036	0.005	23
Ortho Vitros	8	46.95 - 78.25	P 62.6	4.587	5.47 - 9.12	P 7.296	0.507	11.27 - 18.79	P 15.033	1.15	22.67 - 37.79	P 30.233	2.516	0.3 - 0.7	C 0.5	0.036	12
Siemens Dimension LOCI	9	3.1 - 5.16	P 4.128	0.207	0.26 - 0.66	C 0.456	0.032	0.73 - 1.22	P 0.977	0.064	1.48 - 2.47	P 1.977	0.187	0 - 0.22	C 0.017	0.009	45
<b>Initial Grouping by Sensitivity or Principle</b>																	
Immunofluorometric-not FPIA	10	64.17 - 106.94	P 85.555	22.115	9.68 - 16.14	P 12.913	0.931	19.83 - 33.04	P 26.436	1.917	40.08 - 66.8	P 53.438	4.316	0.69 - 1.15	P 0.916	0.072	12
All other methods	11	26.07 - 43.45	P 34.756	27.943	3.55 - 5.92	P 4.733	3.615	7.3 - 12.16	P 9.729	7.452	16.29 - 27.14	P 21.714	16.999	0.16 - 0.56	C 0.364	0.256	15
Luminometric	12	21.22 - 35.37	P 28.294	26.565	2.28 - 3.8	P 3.039	3.156	4.75 - 7.92	P 6.334	6.482	9.85 - 16.42	P 13.137	12.966	0 - 0.41	C 0.205	0.22	40
Spectrophotometric	13	3.12 - 5.2	P 4.159	0.234	0.26 - 0.66	C 0.456	0.033	0.74 - 1.23	P 0.985	0.07	1.5 - 2.5	P 2.002	0.182	0 - 0.22	C 0.019	0.012	58
<b>Total Population</b>																	
Whole Population	14	15.92 - 26.54	P 21.228	27.907	1.9 - 3.16	P 2.529	3.79	4.22 - 7.03	P 5.624	8.045	8.99 - 14.98	P 11.981	16.511	0 - 0.36	C 0.164	0.262	148

**Troponin T****Total Population**

Whole Population	1	0.65 - 1.2	P 0.926	0.119	0.09 - 0.29	C 0.19	0.014	0.18 - 0.38	C 0.282	0.032	0.33 - 0.61	P 0.47	0.065	0 - 0.17	C 0.073	0.009	5
------------------	---	------------	---------	-------	-------------	--------	-------	-------------	---------	-------	-------------	--------	-------	----------	---------	-------	---