



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				
CK-2 (CK-MB), U/L																						
Total Population																						
Whole Population	1	0.0 - 31.0	S	9.2	7.1	0.0 - 121.0	S	40.4	27.0	0.0 - 12.0	S	4.0	2.8	0.0 - 56.0	S	18.0	12.8	0.0 - 81.0	S	27.8	17.8	6
CK-2 (CK-MB), ng/mL (µg/L)																						
Initial Grouping by Reagent and Instrument																						
Beckman Access luminometric & Beckman Access luminometer	1	15.0 - 21.0	S	18.3	0.9	68.0 - 95.0	S	81.3	4.5	5.0 - 8.0	S	6.7	0.5	29.0 - 43.0	S	35.7	2.3	44.0 - 64.0	S	54.2	3.3	43
J&J Vitros ECi & J&J Vitros ECi	2	10.0 - 14.0	S	11.9	0.8	42.0 - 58.0	S	50.2	2.8	3.0 - 6.0	S	4.7	0.5	19.0 - 27.0	S	23.2	1.3	28.0 - 40.0	S	33.9	1.9	16
Siemens CrO2 & Siemens Dimension ser	3	10.0 - 19.0	S	14.3	1.5	55.0 - 97.0	S	75.8	7.1	3.0 - 6.0	S	4.7	0.5	25.0 - 37.0	S	31.3	2.0	42.0 - 58.0	S	50.1	2.8	14
Siemens CrO2 & Siemens Dimension Xpand	4	11.0 - 17.0	S	14.1	1.0	61.0 - 88.0	S	74.2	4.4	3.0 - 6.0	S	4.7	0.6	24.0 - 37.0	S	30.4	2.1	41.0 - 58.0	S	49.3	2.9	18
Siemens Stratus CS & Siemens Stratus CS	5	9.0 - 18.0	S	13.2	1.5	44.0 - 76.0	S	60.1	5.3	3.0 - 6.0	S	4.9	0.5	20.0 - 33.0	S	26.5	2.2	29.0 - 50.0	S	39.9	3.5	14
Siemens Dimension & Siemens Dimension Xpand	6	10.0 - 17.0	S	13.8	1.2	62.0 - 86.0	S	73.8	4.0	2.0 - 6.0	S	4.4	0.7	25.0 - 36.0	S	30.6	1.8	39.0 - 57.0	S	48.0	2.9	13
Initial Grouping by Reagent																						
Beckman Access luminometric	7	15.0 - 22.0	S	18.4	1.2	66.0 - 97.0	S	81.5	5.0	5.0 - 8.0	S	6.7	0.5	28.0 - 43.0	S	35.8	2.5	44.0 - 65.0	S	54.2	3.5	48
J&J Vitros ECi	8	10.0 - 15.0	S	12.2	0.8	43.0 - 59.0	S	50.9	2.7	3.0 - 6.0	S	4.7	0.4	20.0 - 27.0	S	23.5	1.3	29.0 - 41.0	S	34.5	2.0	24
Roche Elecsys	9	9.0 - 18.0	S	13.7	1.4	37.0 - 68.0	S	52.6	5.1	4.0 - 8.0	S	5.7	0.7	18.0 - 32.0	S	25.2	2.3	24.0 - 49.0	S	36.2	4.2	20
Siemens CrO2	10	10.0 - 18.0	S	14.3	1.4	57.0 - 93.0	S	74.8	6.0	3.0 - 6.0	S	4.7	0.6	24.0 - 38.0	S	30.8	2.3	39.0 - 61.0	S	49.6	3.7	47
Siemens Stratus CS	11	9.0 - 18.0	S	13.2	1.5	44.0 - 76.0	S	60.1	5.3	3.0 - 6.0	S	4.9	0.5	20.0 - 33.0	S	26.5	2.2	29.0 - 50.0	S	39.9	3.5	14
Tosoh AIA Pack	12	18.0 - 23.0	S	20.6	0.8	80.0 - 99.0	S	89.6	3.2	7.0 - 9.0	S	7.8	0.4	34.0 - 46.0	S	40.1	1.9	54.0 - 69.0	S	61.7	2.6	10
Siemens Dimension	13	10.0 - 18.0	S	13.9	1.3	58.0 - 89.0	S	73.2	5.2	2.0 - 6.0	S	4.3	0.6	22.0 - 39.0	S	30.1	2.8	36.0 - 60.0	S	48.0	3.9	23
Initial Grouping by Sensitivity or Principle																						
Low moderate recovery meths	14	8.0 - 18.0	S	12.9	1.6	32.0 - 77.0	S	54.5	7.6	3.0 - 7.0	S	5.0	0.8	17.0 - 33.0	S	24.7	2.7	21.0 - 53.0	S	37.0	5.2	32
Moderate recovery methods	15	8.0 - 25.0	S	16.4	2.9	46.0 - 107.0	S	76.2	10.2	2.0 - 10.0	S	5.9	1.3	18.0 - 48.0	S	32.9	5.0	30.0 - 72.0	S	50.9	6.9	140
High moderate recovery meth	16	8.0 - 20.0	S	13.9	1.9	29.0 - 102.0	S	65.6	12.2	2.0 - 8.0	S	5.0	1.1	16.0 - 41.0	S	28.6	4.2	21.0 - 67.0	S	43.7	7.6	53
Total Population																						
						33.0 -																

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		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type		Mean	SD	
Whole Population	17	7.0 - 23.0	S	15.0	2.5	108.0	S	70.7	12.5	2.0 - 8.0	S	5.4	1.0	16.0 - 45.0	S	30.4	4.9	23.0 - 71.0	S	47.2	8.1	227

Myoglobin

Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	49.0 - 90.0	P	69.3	1.7	187.0 - 347.0	P	266.6	10.4	17.0 - 47.0	C	31.8	1.2	87.0 - 163.0	P	125.0	6.5	128.0 - 238.0	P	183.0	8.2	12
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Initial Grouping by Reagent

Beckman Access luminometric	2	49.0 - 92.0	P	70.5	2.9	189.0 - 350.0	P	269.3	11.1	17.0 - 47.0	C	32.1	1.5	89.0 - 165.0	P	127.0	7.9	130.0 - 242.0	P	185.9	9.6	16
J&J Vitros ECi luminometric	3	102.0 - 189.0	P	145.4	20.9	355.0 - 660.0	P	507.5	42.8	44.0 - 82.0	P	63.1	9.3	172.0 - 320.0	P	245.9	19.0	252.0 - 469.0	P	360.5	25.9	11
Roche Elecsys luminometric	4	59.0 - 110.0	P	84.3	4.0	218.0 - 406.0	P	312.0	16.6	25.0 - 55.0	C	39.7	1.2	105.0 - 196.0	P	150.7	8.5	152.0 - 283.0	P	217.6	11.4	10
Siemens CrO2	5	86.0 - 159.0	P	122.2	5.2	376.0 - 698.0	P	536.9	24.8	33.0 - 63.0	C	47.8	3.3	169.0 - 315.0	P	242.0	9.4	258.0 - 478.0	P	368.0	12.7	25

Initial Grouping by Sensitivity or Principle

Luminometric	6	70.0 - 129.0	P	99.5	34.4	256.0 - 476.0	P	366.1	112.6	29.0 - 59.0	C	44.5	14.8	122.0 - 227.0	P	174.9	55.5	179.0 - 333.0	P	256.1	81.3	41
Spectrophotometric	7	86.0 - 159.0	P	122.2	5.2	376.0 - 698.0	P	536.9	24.8	33.0 - 63.0	C	47.8	3.3	169.0 - 315.0	P	242.0	9.4	258.0 - 478.0	P	368.0	12.7	25

Total Population

Whole Population	8	73.0 - 135.0	P	103.9	22.4	318.0 - 591.0	P	454.5	97.9	27.0 - 57.0	C	42.2	8.1	146.0 - 271.0	P	208.1	44.0	220.0 - 409.0	P	314.5	69.1	76
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Troponin I

Initial Grouping by Reagent and Instrument

Abbott CMI & Abbott Architect c, ci, i	1	4.41 - 8.19	P	6.302	0.270	26.11 - 48.48	P	37.294	1.211	0.23 - 2.03	C	1.130	0.049	10.65 - 19.77	P	15.209	0.708	17.02 - 31.61	P	24.319	0.970	11
Beckman Access luminometric & Beckman Access luminometer	2	0.0 - 1.62	C	0.719	0.080	3.2 - 5.94	P	4.572	0.446	0.0 - 1.05	C	0.146	0.017	0.87 - 2.67	C	1.771	0.165	1.88 - 3.68	C	2.780	0.326	18
Beckman Access AccuTnl & Beckman Access luminometer	3	0.0 - 1.63	C	0.732	0.045	3.35 - 6.22	P	4.787	0.142	0.0 - 1.05	C	0.150	0.000	0.96 - 2.76	C	1.861	0.059	2.06 - 3.86	C	2.958	0.079	24
J&J Vitros ECi luminometric & J&J Vitros ECi	4	3.1 - 5.76	P	4.433	0.163	18.61 - 34.57	P	26.590	0.919	0.0 - 1.67	C	0.767	0.028	7.65 - 14.22	P	10.935	0.503	12.05 - 22.38	P	17.215	0.625	20
Siemens CrO2 & Siemens Dimension ser	5	0.0 - 1.57	C	0.666	0.065	2.93 - 5.45	P	4.189	0.308	0.0 - 1.02	C	0.118	0.024	0.76 - 2.56	C	1.656	0.154	1.76 - 3.56	C	2.664	0.256	13
Siemens CrO2 & Siemens Dimension Xpand	6	0.0 - 1.57	C	0.674	0.026	2.96 - 5.5	P	4.228	0.258	0.0 - 1.03	C	0.132	0.026	1.0 - 2.8	C	1.901	0.099	1.99 - 3.79	C	2.888	0.150	23
Siemens Revised (RXL) & Siemens Dimension Xpand	7	0.0 - 1.55	C	0.646	0.069	2.9 - 5.38	P	4.138	0.275	0.0 - 1.01	C	0.111	0.022	0.72 - 2.52	C	1.618	0.109	1.72 - 3.51	C	2.615	0.225	13
Siemens Stratus CS & Siemens Stratus CS	8	0.0 - 1.77	C	0.874	0.048	3.7 - 6.87	P	5.281	0.238	0.0 - 1.05	C	0.149	0.015	1.26 - 3.06	C	2.161	0.094	2.41 - 4.48	P	3.444	0.139	15
Siemens EXL LOCI & Siemens Dimension EXL	9	0.0 - 1.68	C	0.776	0.082	3.01 - 5.59	P	4.304	0.378	0.0 - 1.07	C	0.172	0.034	0.93 - 2.73	C	1.830	0.163	1.94 - 3.74	C	2.840	0.248	15

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		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean		SD	
Initial Grouping by Reagent																						
Abbott CMIA	10	4.43 - 8.22	P	6.325	0.270	26.19 - 48.64	P	37.415	1.218	0.25 - 2.05	C	1.148	0.040	10.74 - 19.94	P	15.339	0.673	17.14 - 31.83	P	24.487	1.076	12
Beckman Access luminometric	11	0.0 - 1.62	C	0.719	0.080	3.18 - 5.9	P	4.540	0.432	0.0 - 1.05	C	0.146	0.017	0.86 - 2.66	C	1.757	0.163	1.86 - 3.66	C	2.760	0.315	22
Beckman Access AccuTnl	12	0.0 - 1.63	C	0.732	0.045	3.35 - 6.22	P	4.787	0.142	-				0.96 - 2.76	C	1.861	0.059	2.06 - 3.86	C	2.958	0.079	24
J&J Vitros ECi luminometric	13	3.12 - 5.8	P	4.460	0.152	18.55 - 34.44	P	26.493	0.849	0.0 - 1.67	C	0.771	0.028	7.67 - 14.25	P	10.963	0.456	12.11 - 22.49	P	17.297	0.676	29
Siemens CrO2	14	0.0 - 1.57	C	0.669	0.051	2.95 - 5.47	P	4.210	0.270	0.0 - 1.03	C	0.127	0.026	0.85 - 2.65	C	1.747	0.174	1.89 - 3.69	C	2.795	0.218	42
Siemens Revised (RXL)	15	0.0 - 1.56	C	0.660	0.057	2.93 - 5.43	P	4.179	0.225	0.0 - 1.01	C	0.111	0.022	0.73 - 2.53	C	1.634	0.103	1.75 - 3.55	C	2.654	0.188	24
Siemens Stratus CS	16	0.0 - 1.77	C	0.870	0.041	3.69 - 6.85	P	5.268	0.213	0.0 - 1.05	C	0.151	0.015	1.27 - 3.07	C	2.171	0.097	2.41 - 4.48	P	3.444	0.139	16
Tosoh AIA Pack fluorometric	17	6.6 - 12.25	P	9.425	0.690	32.75 - 60.82	P	46.784	2.192	0.9 - 2.7	C	1.802	0.140	14.74 - 27.37	P	21.057	0.789	22.49 - 41.76	P	32.123	1.285	12
Siemens EXL LOCI	18	0.0 - 1.69	C	0.789	0.071	3.06 - 5.68	P	4.366	0.321	0.0 - 1.08	C	0.178	0.026	0.96 - 2.76	C	1.859	0.133	1.94 - 3.74	C	2.840	0.248	16
Siemens Dimension LOCI	19	0.0 - 1.64	C	0.742	0.126	2.9 - 5.39	P	4.143	0.596	0.0 - 1.05	C	0.154	0.045	0.87 - 2.67	C	1.772	0.274	1.85 - 3.64	C	2.745	0.360	15
Initial Grouping by Sensitivity or Principle																						
Immunofluorometric-not FPIA	20	4.38 - 8.14	P	6.258	3.214	23.76 - 44.12	P	33.937	16.074	0.28 - 2.08	C	1.182	0.625	10.1 - 18.76	P	14.432	7.373	15.99 - 29.69	P	22.838	10.996	31
Luminometric	21	1.48 - 3.28	C	2.384	1.843	10.21 - 18.95	P	14.580	10.951	0.0 - 1.4	C	0.498	0.315	4.06 - 7.54	P	5.802	4.510	6.68 - 12.4	P	9.542	7.198	92
Spectrophotometric	22	0.0 - 1.61	C	0.705	0.091	2.95 - 5.48	P	4.218	0.349	0.0 - 1.04	C	0.139	0.037	0.84 - 2.64	C	1.742	0.189	1.86 - 3.66	C	2.756	0.251	97
All other methods	23	0.0 - 1.77	C	0.872	0.041	3.68 - 6.84	P	5.262	0.205	0.0 - 1.08	C	0.178	0.107	1.27 - 3.07	C	2.170	0.091	2.41 - 4.47	P	3.438	0.132	19
Total Population																						
Whole Population	24	1.34 - 3.14	C	2.240	2.549	8.81 - 16.36	P	12.582	13.524	0.0 - 1.32	C	0.425	0.474	3.57 - 6.63	P	5.100	0.000	5.85 - 10.86	P	8.351	9.105	240

Troponin T

Initial Grouping by Reagent																						
Roche Elecsys luminometric	1	0.0 - 0.13	C	0.030	0.006	0.08 - 0.28	C	0.175	0.021	0.0 - 0.11	C	0.010	0.000	0.0 - 0.17	C	0.074	0.012	0.02 - 0.22	C	0.118	0.014	21
Initial Grouping by Sensitivity or Principle																						
Luminometric	2	0.0 - 0.13	C	0.030	0.006	0.08 - 0.28	C	0.175	0.021	-				0.0 - 0.17	C	0.074	0.012	0.02 - 0.22	C	0.118	0.014	21
Total Population																						
Whole Population	3	0.0 - 0.2	C	0.105	0.190	0.33 - 0.61	P	0.471	1.040	0.02 - 0.22	C	0.122	0.082	0.1 - 0.3	C	0.201	0.421	0.24 - 0.44	P	0.341	0.727	25