



Cardiac Markers / Isoenzymes

Name	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				No. of Labs	
	Line Range & No. 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 - 88.0	S	19.4	23.0	0.0 - 294.0	S	74.5	73.2	0.0 - 244.0	S	60.1	61.3	0.0 - 434.0	S	107.6	108.9	0.0 - 793.0	S	192.8	200.1	10
CK-2 (CK-MB), ng/mL (µg/L)																						
Initial Grouping by Reagent and Instrument																						
Beckman Access luminometric & Beckman Access luminometer	1	6.0 - 9.0	S	7.2	0.5	35.0 - 46.0	S	40.5	1.8	16.0 - 23.0	S	19.5	1.1	53.0 - 72.0	S	62.4	3.1	82.0 - 105.0	S	93.7	3.9	45
J&J Vitros ECI & J&J Vitros ECI	2	3.0 - 6.0	S	4.7	0.5	20.0 - 29.0	S	24.6	1.6	10.0 - 15.0	S	12.3	0.8	29.0 - 44.0	S	36.9	2.5	46.0 - 64.0	S	54.6	3.0	14
Siemens CrO2 & Siemens Dimension ser	3	3.0 - 7.0	S	4.9	0.7	26.0 - 44.0	S	34.6	3.0	11.0 - 18.0	S	14.9	1.1	46.0 - 62.0	S	54.0	2.8	69.0 - 94.0	S	81.7	4.2	15
Siemens CrO2 & Siemens Dimension Xpand	4	3.0 - 6.0	S	4.6	0.5	30.0 - 39.0	S	34.4	1.6	12.0 - 17.0	S	14.5	1.0	44.0 - 64.0	S	53.9	3.3	71.0 - 95.0	S	82.7	4.1	20
Siemens Stratus CS & Siemens Stratus CS	5	4.0 - 7.0	S	5.8	0.4	27.0 - 37.0	S	32.2	1.8	14.0 - 17.0	S	15.6	0.6	42.0 - 56.0	S	49.1	2.5	61.0 - 85.0	S	72.8	3.9	17
Siemens Dimension & Siemens Dimension Xpand	6	3.0 - 7.0	S	5.0	0.7	29.0 - 38.0	S	33.5	1.6	13.0 - 17.0	S	14.6	0.7	45.0 - 62.0	S	53.5	2.7	74.0 - 91.0	S	82.5	2.8	12
Initial Grouping by Reagent																						
Beckman Access luminometric	7	6.0 - 9.0	S	7.1	0.5	35.0 - 46.0	S	40.3	1.8	16.0 - 23.0	S	19.4	1.2	53.0 - 72.0	S	62.3	3.1	82.0 - 105.0	S	93.5	3.9	50
J&J Vitros ECI	8	3.0 - 7.0	S	4.9	0.5	19.0 - 32.0	S	25.3	2.2	9.0 - 16.0	S	12.8	1.2	28.0 - 48.0	S	38.0	3.4	42.0 - 69.0	S	55.9	4.5	21
Roche Elecsys	9	5.0 - 8.0	S	6.3	0.5	22.0 - 34.0	S	28.2	2.1	12.0 - 18.0	S	14.8	1.0	32.0 - 51.0	S	41.5	3.3	46.0 - 74.0	S	60.1	4.7	19
Siemens CrO2	10	3.0 - 6.0	S	4.8	0.6	28.0 - 41.0	S	34.2	2.2	12.0 - 18.0	S	14.7	1.0	45.0 - 63.0	S	54.0	3.0	68.0 - 95.0	S	81.8	4.4	49
Siemens Stratus CS	11	4.0 - 7.0	S	5.8	0.4	27.0 - 37.0	S	32.2	1.8	14.0 - 17.0	S	15.6	0.6	42.0 - 56.0	S	49.1	2.5	61.0 - 85.0	S	72.8	3.9	17
Siemens Dimension	12	3.0 - 7.0	S	4.9	0.6	28.0 - 40.0	S	33.6	2.0	11.0 - 18.0	S	14.7	1.2	42.0 - 65.0	S	53.5	3.7	66.0 - 100.0	S	83.0	5.8	22
Initial Grouping by Sensitivity or Principle																						
Low moderate recovery meths	13	3.0 - 7.0	S	5.0	0.7	16.0 - 38.0	S	27.0	3.5	9.0 - 18.0	S	13.3	1.5	24.0 - 57.0	S	40.3	5.4	35.0 - 85.0	S	59.7	8.4	29
Moderate recovery methods	14	2.0 - 10.0	S	6.2	1.3	23.0 - 51.0	S	36.7	4.6	9.0 - 25.0	S	17.2	2.8	36.0 - 78.0	S	56.9	6.9	54.0 - 116.0	S	85.3	10.3	146
High moderate recovery meth	15	2.0 - 9.0	S	5.6	1.2	11.0 - 52.0	S	31.2	6.9	0.0 - 33.0	S	15.9	5.7	24.0 - 75.0	S	49.5	8.4	27.0 - 117.0	S	72.3	15.1	49
Total Population																						

Name	Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				No. of Labs	
	Line Range & No. Type	Mean	SD		Range & Type Mean	SD			Range & Type Mean	SD			Range & Type Mean	SD			Range & Type Mean	SD				
Dimension EXL	9	0.0 - 1.06	C	0.161	0.019	0.99 - 2.79	C	1.886	0.131	0.0 - 1.7	C	0.796	0.061	2.04 - 3.84	C	2.936	0.221	3.07 - 5.69	P	4.379	0.332	15
Initial Grouping by Reagent																						
Abbott CMIA	10	0.2 - 2.0	C	1.104	0.059	11.42 - 21.22	P	16.321	0.380	4.69 - 8.72	P	6.705	0.261	18.9 - 35.11	P	27.005	1.474	29.14 - 54.11	P	41.625	2.007	10
Beckman Access luminometric	11	0.0 - 1.03	C	0.126	0.018	0.76 - 2.56	C	1.662	0.196	0.0 - 1.59	C	0.691	0.072	1.86 - 3.65	C	2.755	0.235	3.07 - 5.7	P	4.382	0.354	23
Beckman Access AccuTnl	12	-				0.84 - 2.64	C	1.735	0.096	0.0 - 1.62	C	0.723	0.051	2.03 - 3.83	C	2.930	0.190	3.16 - 5.88	P	4.521	0.200	21
J&J Vitros ECi luminometric	13	0.0 - 1.64	C	0.743	0.032	7.65 - 14.2	P	10.922	3.475	3.42 - 6.35	P	4.886	0.267	13.52 - 25.11	P	19.317	0.752	20.46 - 37.99	P	29.222	1.404	26
Siemens CrO2	14	0.0 - 1.0	C	0.098	0.043	0.52 - 2.32	C	1.417	0.099	0.0 - 1.44	C	0.542	0.051	1.44 - 3.24	C	2.344	0.148	2.67 - 4.96	P	3.819	0.215	45
Siemens Revised (RXL)	15	0.0 - 0.98	C	0.079	0.032	0.52 - 2.32	C	1.415	0.105	0.0 - 1.42	C	0.524	0.052	1.46 - 3.26	C	2.361	0.150	2.65 - 4.93	P	3.793	0.187	28
Siemens Stratus CS	16	0.0 - 1.0	C	0.102	0.013	0.94 - 2.74	C	1.841	0.069	0.0 - 1.64	C	0.741	0.032	2.08 - 3.88	C	2.981	0.114	3.23 - 6.0	P	4.617	0.220	18
Tosoh AIA Pack fluorometric	17	0.87 - 2.67	C	1.774	0.184	16.38 - 30.42	P	23.399	2.223	8.69 - 16.13	P	12.407	6.793	22.77 - 42.28	P	32.522	8.039	34.84 - 64.7	P	49.766	3.381	12
Siemens EXL LOCI	18	0.0 - 1.06	C	0.161	0.019	0.99 - 2.79	C	1.886	0.131	0.0 - 1.7	C	0.796	0.061	2.04 - 3.84	C	2.936	0.221	3.1 - 5.76	P	4.432	0.314	16
Siemens Dimension LOCI	19	0.0 - 1.03	C	0.128	0.042	0.69 - 2.49	C	1.591	0.569	0.0 - 1.59	C	0.694	0.142	1.82 - 3.62	C	2.716	0.322	2.89 - 5.36	P	4.122	0.394	11
Initial Grouping by Sensitivity or Principle																						
Immunofluorometric-not FPIA	20	0.15 - 1.95	C	1.047	0.697	9.94 - 18.46	P	14.198	9.315	4.84 - 8.99	P	6.916	6.389	14.74 - 27.38	P	21.060	13.929	22.6 - 41.97	P	32.286	20.161	32
Luminometric	21	0.0 - 1.31	C	0.413	0.303	3.42 - 6.36	P	4.892	4.716	1.37 - 3.17	C	2.271	2.003	6.31 - 11.72	P	9.017	7.872	9.93 - 18.44	P	14.186	11.902	85
Spectrophotometric	22	0.0 - 1.02	C	0.115	0.047	0.62 - 2.42	C	1.517	0.280	0.0 - 1.51	C	0.611	0.131	1.6 - 3.4	C	2.503	0.303	2.77 - 5.15	P	3.963	0.352	100
All other methods	23	0.0 - 1.03	C	0.135	0.134	0.95 - 2.75	C	1.850	0.076	0.0 - 1.64	C	0.741	0.031	2.1 - 3.9	P	3.002	0.142	3.26 - 6.05	P	4.654	0.261	20
Total Population																						
Whole Population	24	0.0 - 1.29	C	0.393	0.482	3.08 - 5.72	P	4.400	0.000	1.31 - 3.11	C	2.211	3.462	5.32 - 9.88	P	7.600	0.000	8.71 - 16.17	P	12.440	0.226	240

Troponin T																						
Initial Grouping by Reagent																						
Roche Elecsys luminometric	1	0.0 - 0.16	C	0.060	0.000	0.58 - 1.08	P	0.828	0.139	0.18 - 0.38	C	0.281	0.044	0.91 - 1.69	P	1.300	0.178	1.32 - 2.46	P	1.890	0.276	21
Initial Grouping by Sensitivity or Principle																						
Luminometric	2	0.0 - 0.16	C	0.060	0.000	0.58 - 1.08	P	0.828	0.139	0.18 - 0.38	C	0.281	0.044	0.91 - 1.69	P	1.300	0.178	1.32 - 2.46	P	1.890	0.276	21
Total Population																						
Whole Population	3	0.0 - 0.16	C	0.060	0.013	0.58 - 1.08	P	0.833	0.208	0.19 - 0.39	C	0.287	0.077	0.91 - 1.7	P	1.304	0.309	1.34 - 2.48	P	1.908	0.490	23