



ISOENZYMES-CARDIAC MARKERS

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 - 667.0	S	198.0	156.2	0.0 - 375.0	S	123.2	84.0	0.0 - 156.0	S	47.2	36.2	0.0 - 269.0	S	86.3	60.8	0.0 - 85.0	S	22.2	20.8	7
CK-2 (CK-MB), ng/mL (µg/L)																						
Initial Grouping by Reagent and Instrument																						
Beckman Access luminometric & Beckman Access luminometer	1	82.0 - 109.0	S	95.3	4.6	54.0 - 73.0	S	63.7	3.2	18.0 - 23.0	S	20.4	1.0	36.0 - 48.0	S	42.0	2.1	6.0 - 9.0	S	7.8	0.5	47
J&J Vitros ECI & J&J Vitros ECI	2	56.0 - 70.0	S	63.1	2.3	38.0 - 47.0	S	42.5	1.5	13.0 - 16.0	S	14.5	0.7	24.0 - 32.0	S	28.3	1.3	5.0 - 7.0	S	5.8	0.4	14
Siemens CrO2 & Siemens Dimension Xpand	3	88.0 - 111.0	S	99.9	3.9	56.0 - 80.0	S	67.8	4.0	15.0 - 24.0	S	19.4	1.6	37.0 - 49.0	S	43.0	1.9	4.0 - 8.0	S	6.4	0.7	20
Siemens Stratus CS & Siemens Stratus CS	4	69.0 - 91.0	S	80.5	3.7	48.0 - 62.0	S	54.8	2.3	16.0 - 21.0	S	18.3	0.9	31.0 - 43.0	S	36.9	2.0	5.0 - 9.0	S	7.1	0.6	17
Siemens Dimension & Siemens Dimension Xpand	5	83.0 - 121.0	S	102.0	6.2	58.0 - 77.0	S	67.9	3.1	15.0 - 23.0	S	18.7	1.3	38.0 - 48.0	S	43.1	1.8	4.0 - 8.0	S	6.4	0.7	12
Initial Grouping by Reagent																						
Beckman Access luminometric	6	82.0 - 109.0	S	95.5	4.5	53.0 - 75.0	S	63.8	3.6	17.0 - 24.0	S	20.5	1.0	36.0 - 48.0	S	42.0	2.1	6.0 - 9.0	S	7.8	0.5	52
J&J Vitros ECI	7	56.0 - 71.0	S	63.2	2.5	37.0 - 49.0	S	43.0	2.0	12.0 - 17.0	S	14.7	0.8	25.0 - 32.0	S	28.5	1.2	4.0 - 7.0	S	5.8	0.5	21
Roche Elecsys	8	60.0 - 86.0	S	72.8	4.3	40.0 - 60.0	S	50.1	3.3	15.0 - 21.0	S	18.0	0.9	28.0 - 40.0	S	33.8	1.9	6.0 - 9.0	S	7.8	0.4	17
Siemens CrO2	9	83.0 - 115.0	S	98.9	5.3	54.0 - 78.0	S	66.2	4.1	14.0 - 24.0	S	18.9	1.7	35.0 - 49.0	S	42.1	2.5	4.0 - 8.0	S	6.2	0.7	50
Siemens Stratus CS	10	69.0 - 91.0	S	80.5	3.7	48.0 - 62.0	S	54.8	2.3	16.0 - 21.0	S	18.3	0.9	31.0 - 43.0	S	36.9	2.0	5.0 - 9.0	S	7.1	0.6	17
Siemens Dimension	11	79.0 - 121.0	S	99.9	7.1	53.0 - 81.0	S	66.9	4.7	15.0 - 23.0	S	18.7	1.3	35.0 - 49.0	S	42.1	2.2	4.0 - 8.0	S	6.3	0.7	21
Initial Grouping by Sensitivity or Principle																						
Low moderate recovery meths	12	32.0 - 107.0	S	69.6	12.4	22.0 - 73.0	S	47.2	8.5	8.0 - 23.0	S	15.6	2.5	6.0 - 54.0	S	30.3	7.9	0.0 - 27.0	S	7.3	6.5	29
Moderate recovery methods	13	65.0 - 127.0	S	96.1	10.3	43.0 - 86.0	S	64.7	7.1	12.0 - 28.0	S	20.2	2.6	29.0 - 55.0	S	42.1	4.2	3.0 - 12.0	S	7.4	1.4	147
High moderate recovery meth	14	45.0 - 135.0	S	90.2	15.1	32.0 - 90.0	S	61.0	9.8	12.0 - 26.0	S	18.8	2.3	23.0 - 56.0	S	39.5	5.5	4.0 - 10.0	S	7.1	1.1	46
Total Population																						

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		
J&J Vitros ECI luminometric	10	31.4	P	24.154	0.868	20.5	P	15.771	0.570	2.78 - 5.16	P	3.971	0.101	6.9 - 12.82	P	9.864	0.317	0.0 - 1.59	C	0.691	0.027	25
Siemens CrO2	11	2.16 - 4.02	P	3.089	0.238	1.02 - 2.82	C	1.919	0.184	0.0 - 1.36	C	0.462	0.055	0.26 - 2.06	C	1.165	0.116	0.0 - 0.98	C	0.080	0.017	47
Siemens Revised (RxL)	12	2.15 - 4.0	P	3.073	0.314	1.03 - 2.83	C	1.926	0.219	0.0 - 1.37	C	0.465	0.058	0.28 - 2.08	C	1.182	0.127	0.0 - 0.98	C	0.083	0.024	26
Siemens Stratus CS	13	2.36 - 4.38	P	3.368	0.226	1.35 - 3.15	C	2.246	0.112	0.0 - 1.46	C	0.565	0.038	0.5 - 2.3	C	1.399	0.077	0.0 - 0.99	C	0.092	0.011	16
Tosoh AIA Pack fluorometric	14	27.97 - 51.94	P	39.957	2.686	18.72 - 34.76	P	26.740	1.113	5.78 - 10.74	P	8.259	0.593	12.91 - 23.98	P	18.448	1.310	0.63 - 2.43	C	1.531	0.147	10
Siemens EXL LOCI	15	2.47 - 4.59	P	3.531	0.190	1.46 - 3.26	C	2.362	0.118	0.0 - 1.59	C	0.692	0.052	0.64 - 2.44	C	1.536	0.069	0.0 - 1.05	C	0.155	0.014	17
Initial Grouping by Sensitivity or Principle																						
Immunofluorometric-not FPIA	16	17.04 - 31.65	P	24.346	16.500	10.98 - 20.39	P	15.682	10.889	3.28 - 6.1	P	4.692	3.310	7.49 - 13.92	P	10.706	7.451	0.0 - 1.78	C	0.882	0.597	29
Luminometric	17	7.23 - 13.42	P	10.323	10.713	4.83 - 8.97	P	6.901	7.939	0.85 - 2.65	C	1.749	1.943	2.8 - 5.21	P	4.004	4.049	0.0 - 1.78	C	0.877	5.335	88
Spectrophotometric	18	2.24 - 4.16	P	3.197	0.325	1.13 - 2.93	C	2.028	0.269	0.0 - 1.42	C	0.519	0.113	0.36 - 2.16	C	1.259	0.196	0.0 - 1.0	C	0.099	0.038	99
All other methods	19	2.36 - 4.38	P	3.372	0.219	1.35 - 3.15	C	2.254	0.113	0.0 - 1.47	C	0.568	0.038	0.5 - 2.3	C	1.403	0.076	0.0 - 0.99	C	0.094	0.013	18
Total Population																						
Whole Population	20	8.12 - 15.08	P	11.600	0.000	3.98 - 7.39	P	5.685	7.787	0.66 - 2.46	C	1.555	2.208	2.51 - 4.66	P	3.586	4.872	0.0 - 1.55	C	0.649	0.061	242

Troponin T

Initial Grouping by Reagent and Instrument

Roche Elecsys luminometric & Roche Elecsys series	1	1.62 - 3.01	P	2.317	0.282	1.11 - 2.07	P	1.589	0.185	0.29 - 0.55	P	0.421	0.042	0.71 - 1.32	P	1.014	0.134	0.0 - 0.15	C	0.054	0.010	10
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Initial Grouping by Reagent

Roche Elecsys luminometric	2	1.73 - 3.21	P	2.472	0.312	1.18 - 2.2	P	1.690	0.193	0.32 - 0.59	P	0.457	0.052	0.76 - 1.41	P	1.083	0.136	0.0 - 0.16	C	0.061	0.009	19
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Initial Grouping by Sensitivity or Principle

Luminometric	3	1.73 - 3.21	P	2.472	0.312	1.18 - 2.2	P	1.690	0.193	0.32 - 0.59	P	0.457	0.052	0.76 - 1.41	P	1.083	0.136	0.0 - 0.16	C	0.061	0.009	19
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Total Population

Whole Population	4	1.73 - 3.21	P	2.472	0.312	1.18 - 2.2	P	1.690	0.193	0.31 - 0.57	P	0.441	0.085	0.76 - 1.41	P	1.083	0.136	0.0 - 0.16	C	0.059	0.011	20
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