



Tumor Markers

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Beta-2-Microglobulin										
Total Population										
Whole Population	1	0.78 - 1.44	P	1.110	0.184	1.41 - 2.61	P	2.009	0.280	11
CA 15-3										
Initial Grouping by Sensitivity or Principle										
Luminometric	1	9.1 - 91.2	S	50.15	13.70	18.9 - 137.6	S	78.22	19.78	21
Total Population										
Whole Population	2	6.8 - 91.6	S	49.17	14.13	15.7 - 138.0	S	76.83	20.38	22
CA 19-9										
Initial Grouping by Sensitivity or Principle										
Luminometric	1	0.0 - 108.0	S	37.98	23.34	0.0 - 101.6	S	50.74	16.95	16
Total Population										
Whole Population	2	0.0 - 63.2	S	29.77	11.16	0.0 - 95.4	S	44.91	16.84	19
CA 27.29										
Initial Grouping by Reagent										
Tosoh AIA Pack fluorometric	1	43.2 - 49.2	C	46.20	0.94	51.6 - 98.2	S	74.88	7.77	11
Initial Grouping by Sensitivity or Principle										
Immunofluorometric-not FPIA	2	43.2 - 49.2	C	46.20	0.94	51.6 - 98.2	S	74.88	7.77	11
Total Population										
Whole Population	3	27.0 - 79.4	S	53.21	8.74	32.5 - 144.6	S	88.54	18.69	18
CA-125										
Initial Grouping by Reagent										
Roche Elecsys luminometric	1	27.0 - 51.0	P	39.2	1.5	47.0 - 88.0	P	67.6	4.0	14
Siemens Immulite	2	29.0 - 55.0	P	42.1	3.1	52.0 - 97.0	P	74.5	6.0	11
Initial Grouping by Sensitivity or Principle										
Immunofluorometric-not FPIA	3	40.0 - 75.0	P	57.7	7.5	71.0 - 132.0	P	101.4	15.8	11
Luminometric	4	28.0 - 52.0	P	40.1	4.8	49.0 - 92.0	P	70.5	8.5	50

Name	Line No.	Specimen 1			Specimen 2				No. of Labs	
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Total Population										
Whole Population	5	28.0 - 53.0	P	40.7	5.2	50.0 - 92.0	P	71.0	8.8	62

Carcinoembryonic Antigen (CEA)

Initial Grouping by Reagent and Instrument										
Beckman Access luminometric & Beckman Access luminometer	1	6.6 - 12.2	P	9.41	0.76	12.4 - 23.1	P	17.75	1.22	14
Roche Elecsys luminometric & Roche Cobas 6000	2	6.7 - 12.4	P	9.55	0.25	12.4 - 23.1	P	17.77	0.58	10
Siemens Immulite & Siemens Immulite 2000	3	8.7 - 16.1	P	12.40	0.76	16.9 - 31.3	P	24.08	1.29	16
Initial Grouping by Reagent										
Beckman Access luminometric	4	6.6 - 12.2	P	9.36	0.73	12.6 - 23.3	P	17.93	1.24	17
Roche Elecsys luminometric	5	6.6 - 12.4	P	9.50	0.40	12.4 - 23.0	P	17.68	0.65	19
Siemens Immulite	6	8.4 - 15.7	P	12.05	0.89	16.6 - 30.9	P	23.73	1.32	22
Tosoh AIA Pack fluorometric	7	11.2 - 20.7	P	15.94	1.02	20.8 - 38.6	P	29.73	1.33	14
Initial Grouping by Sensitivity or Principle										
Lower recovery methods	8	6.8 - 12.5	P	9.65	1.90	12.8 - 23.8	P	18.34	3.61	56
Higher recovery methods	9	8.9 - 16.5	P	12.67	2.95	17.0 - 31.5	P	24.25	5.43	45
Total Population										
Whole Population	10	7.3 - 13.6	P	10.44	1.32	14.2 - 26.3	P	20.26	3.03	103

Prostate-Specific Antigen, Free

Initial Grouping by Reagent and Instrument										
Beckman Access luminometric & Beckman Access luminometer	1	4.4 - 8.2	P	6.32	0.33	8.4 - 15.6	P	11.99	1.25	10
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	2	2.8 - 5.3	P	4.05	0.34	5.5 - 10.3	P	7.90	0.82	11
Initial Grouping by Reagent										
Beckman Access luminometric	3	4.4 - 8.2	P	6.32	0.31	8.4 - 15.6	P	11.99	1.19	11
Siemens Immulite 2000, 2500	4	2.8 - 5.3	P	4.05	0.34	5.5 - 10.3	P	7.90	0.82	11
Initial Grouping by Sensitivity or Principle										
Moderate recovery methods	5	3.4 - 6.2	P	4.80	1.04	6.6 - 12.3	P	9.45	1.99	36
Total Population										
Whole Population	6	3.4 - 6.3	P	4.81	0.99	6.5 - 12.2	P	9.35	1.65	46

Prostatic Acid Phosphatase (PAP)

Whole Population	1	0.8 - 3.2	C	2.00	0.00	0.8 - 3.2	C	2.00	0.00	1
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