



FERTILITY ENDOCRINOLOGY

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD		Range & Type	Mean	SD		
DHEA-S										
Initial Grouping by Sensitivity or Principle										
All Siemens/DPC/Beckman	1	70.9 - 95.9	P	83.40	8.10	373.9 - 505.9	P	439.87	136.37	24
Total Population										
Whole Population	2	77.2 - 104.5	P	90.88	17.63	395.4 - 535.0	P	465.19	125.78	33
Estradiol										
Initial Grouping by Reagent and Instrument										
Beckman Access luminometric & Beckman Access luminometer	1	24.0 - 44.0	P	33.7	5.1	240.0 - 445.0	P	342.3	24.6	24
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	13.0 - 24.0	P	18.2	3.2	156.0 - 289.0	P	222.7	12.6	19
Roche Elecsys luminometric & Roche Elecsys series	3	18.0 - 34.0	P	26.2	4.4	58.0 - 108.0	P	82.9	4.7	11
Siemens luminometric & Siemens Centaur/Centaur CP	4	8.0 - 15.0	P	11.3	4.0	81.0 - 151.0	P	115.8	26.1	15
Siemens Immulite & Siemens Immulite 2000	5	22.0 - 40.0	P	30.8	5.4	80.0 - 149.0	P	114.8	10.2	30
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	6	23.0 - 43.0	P	33.0	7.5	317.0 - 589.0	P	453.0	36.7	22
Initial Grouping by Reagent										
Beckman Access luminometric	7	24.0 - 44.0	P	33.6	5.0	238.0 - 442.0	P	340.2	24.7	26
bioMerieux Vidas fluorometr	8	12.0 - 23.0	P	17.7	2.3	156.0 - 289.0	P	222.7	12.6	19
Roche Elecsys luminometric	9	20.0 - 37.0	P	28.6	5.5	59.0 - 109.0	P	83.8	4.7	17
Siemens luminometric	10	10.0 - 18.0	P	13.8	8.7	83.0 - 153.0	P	118.0	21.3	17
Siemens Immulite	11	20.0 - 36.0	P	28.1	5.6	80.0 - 149.0	P	115.0	11.1	90
Tosoh AIA Pack fluorometric	12	23.0 - 42.0	P	32.4	7.1	317.0 - 588.0	P	452.5	35.6	28
Initial Grouping by Sensitivity or Principle										
Moderate recovery methods	13	16.0 - 30.0	P	23.3	10.4	175.0 - 324.0	P	249.6	92.2	62
High moderate recovery meth	14	20.0 - 38.0	P	29.0	6.4	122.0 - 227.0	P	174.9	139.9	144
Total Population										
Whole Population	15	20.0 - 37.0	P	28.2	5.0	124.0 - 230.0	P	177.1	45.1	221

Estriol

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Whole Population	1	6.5 - 12.5	C	9.50	13.29	36.5 - 67.8	P	52.15	67.39	2

Follicle Stimulating Hormone (FSH)

Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	5.0 - 9.0	C	6.6	0.6	45.0 - 75.0	P	59.7	3.8	37
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	4.0 - 8.0	C	6.0	0.0	52.0 - 87.0	P	69.3	3.0	10
Roche Elecsys luminometric & Roche Elecsys series	3	4.0 - 8.0	C	5.8	0.4	44.0 - 73.0	P	58.2	3.5	12
Siemens luminometric & Siemens Centaur/Centaur CP	4	4.0 - 8.0	C	6.0	1.1	48.0 - 79.0	P	63.5	8.1	15
Siemens Immulite & Siemens Immulite 2000	5	3.0 - 7.0	C	4.9	0.4	44.0 - 73.0	P	58.2	4.3	19
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	6	5.0 - 9.0	C	7.2	0.5	41.0 - 69.0	P	55.3	3.5	18
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	7	3.0 - 7.0	C	5.1	0.5	44.0 - 74.0	P	59.3	5.0	15

Initial Grouping by Reagent

Beckman Access luminometric	8	5.0 - 9.0	C	6.7	0.6	45.0 - 74.0	P	59.5	3.7	41
bioMerieux Vidas fluorometr	9	-				52.0 - 87.0	P	69.3	3.0	10
Roche Elecsys luminometric	10	4.0 - 8.0	C	5.8	0.4	43.0 - 72.0	P	58.0	3.1	21
Siemens luminometric	11	4.0 - 8.0	C	6.0	1.1	48.0 - 79.0	P	63.4	8.4	17
Siemens Immulite	12	3.0 - 7.0	C	5.3	0.5	45.0 - 75.0	P	60.3	4.0	79
Tosoh AIA Pack fluorometric	13	5.0 - 9.0	C	7.2	0.6	42.0 - 69.0	P	55.4	3.4	25
Siemens Immulite 2000, 2500	14	3.0 - 7.0	C	5.1	0.5	44.0 - 74.0	P	59.3	5.0	15

Initial Grouping by Sensitivity or Principle

Very low recovery methods	15	4.0 - 8.0	C	6.0	1.1	48.0 - 79.0	P	63.4	8.4	17
Moderate recovery methods	16	4.0 - 8.0	C	5.9	1.0	44.0 - 73.0	P	58.7	4.6	189
High moderate recovery meth	17	5.0 - 9.0	C	7.0	1.4	51.0 - 85.0	P	68.3	4.5	12

Total Population

Whole Population	18	4.0 - 8.0	C	5.7	0.8	45.0 - 74.0	P	59.3	5.6	235
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Leuteinizing Hormone (LH)

Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	1.0 - 5.0	C	2.7	0.5	30.0 - 50.0	P	40.1	2.5	33
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	0.0 - 4.0	C	2.0	0.0	33.0 - 55.0	P	44.1	1.8	10
Roche Elecsys luminometric & Roche Elecsys series	3	1.0 - 5.0	C	3.3	0.5	36.0 - 59.0	P	47.5	2.1	13
Siemens chemiluminometric & Siemens Centaur/Centaur CP	4	1.0 - 5.0	C	3.0	0.0	37.0 - 62.0	P	49.3	3.9	13

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Siemens Immulite 2000 & Siemens Immulite 2000	5	1.0 - 5.0	C	3.0	0.0	43.0 - 71.0	P	57.2	4.5	27
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	6	1.0 - 5.0	C	2.9	0.3	36.0 - 60.0	P	48.4	1.6	16
Initial Grouping by Reagent										
Beckman Access luminometric	7	1.0 - 5.0	C	2.7	0.5	30.0 - 50.0	P	40.1	2.5	36
bioMerieux Vidas fluorometr	8	-				33.0 - 55.0	P	44.1	1.8	10
Roche Elecsys luminometric	9	1.0 - 5.0	C	3.4	0.5	36.0 - 59.0	P	47.5	1.9	22
Siemens chemiluminometric	10	2.0 - 6.0	C	4.0	0.0	37.0 - 62.0	P	49.7	4.0	14
Siemens Immulite	11	1.0 - 5.0	C	3.0	0.0	45.0 - 75.0	P	60.3	4.2	62
Siemens Immulite 2000	12	1.0 - 5.0	C	3.0	0.0	43.0 - 71.0	P	57.2	4.5	27
Tosoh AIA Pack fluorometric	13	1.0 - 5.0	C	2.9	0.4	36.0 - 60.0	P	48.2	1.5	21
Initial Grouping by Sensitivity or Principle										
Low recovery methods	14	-				33.0 - 55.0	P	44.1	1.8	10
Low moderate recovery meth	15	1.0 - 5.0	C	3.3	0.5	36.0 - 60.0	P	48.1	3.7	42
Moderate recovery methods	16	3.0 - 7.0	C	4.9	23.3	40.0 - 66.0	P	52.9	9.1	149
Total Population										
Whole Population	17	1.0 - 5.0	C	3.1	0.2	39.0 - 64.0	P	51.4	8.1	218

Progesterone

Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	2.1 - 3.8	P	2.93	0.37	27.9 - 51.9	P	39.89	3.62	24
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	1.7 - 3.2	P	2.45	0.19	29.6 - 54.9	P	42.25	3.21	14
Siemens luminometric & Siemens Centaur/Centaur CP	3	1.5 - 2.8	P	2.19	0.18	18.0 - 33.5	P	25.78	1.56	17
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	4	2.2 - 4.0	P	3.09	0.22	26.7 - 49.5	P	38.09	1.29	18
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	5	1.6 - 3.1	P	2.35	0.24	21.6 - 40.1	P	30.83	2.50	15
Initial Grouping by Reagent										
Beckman Access luminometric	6	2.1 - 3.8	P	2.95	0.37	27.9 - 51.9	P	39.89	3.62	25
bioMerieux Vidas fluorometr	7	1.7 - 3.2	P	2.45	0.19	29.6 - 54.9	P	42.25	3.21	14
Roche Elecsys luminometric	8	1.3 - 2.4	P	1.84	0.20	32.9 - 61.2	P	47.05	2.85	16
Siemens luminometric	9	1.5 - 2.8	P	2.16	0.20	18.0 - 33.5	P	25.78	1.51	19
Siemens Immulite	10	1.8 - 3.3	P	2.57	0.31	20.3 - 37.8	P	29.05	8.19	66
Tosoh AIA Pack fluorometric	11	2.2 - 4.0	P	3.11	0.28	26.7 - 49.6	P	38.13	2.25	24
Siemens Immulite 2000, 2500	12	1.6 - 3.1	P	2.35	0.24	21.6 - 40.1	P	30.83	2.50	15
Initial Grouping by Sensitivity or Principle										
Immunofluorometric-not FPIA	13	2.0 - 3.7	P	2.81	0.40	27.8 - 51.7	P	39.77	3.70	44
Luminometric	14	1.8 - 3.3	P	2.51	0.67	23.3 - 43.2	P	33.26	10.46	146

Total Population

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Whole Population	15	1.8 - 3.3	P	2.52	0.41	25.0 - 46.5	P	35.73	5.70	198