



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	251.2 - 339.9 P	295.59	49.28	157.2 - 212.7 P	184.92	15.26	23
Total Population								
Whole Population	2	260.8 - 352.8 P	306.78	55.37	171.2 - 231.6 P	201.39	33.81	31
Estradiol								
Initial Grouping by Reagent and Instrument								
Beckman Access luminometric & Beckman Access luminometer	1	146.0 - 271.0 P	208.8	19.0	91.0 - 169.0 P	129.6	14.7	24
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	100.0 - 186.0 P	143.1	13.0	61.0 - 114.0 P	87.4	10.9	20
Roche Elecsys luminometric & Roche Elecsys series	3	44.0 - 81.0 P	62.3	6.4	33.0 - 62.0 P	47.6	7.6	10
Siemens luminometric & Siemens Centaur/Centaur CP	4	55.0 - 102.0 P	78.6	24.0	36.0 - 67.0 P	51.3	15.3	11
Siemens Immulite & Siemens Immulite 2000	5	57.0 - 105.0 P	80.9	12.7	39.0 - 72.0 P	55.5	7.5	28
Siemens Immulite & Siem Immulite/Immulite 1000	6	52.0 - 97.0 P	75.0	9.7	37.0 - 69.0 P	53.2	7.0	60
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	212.0 - 393.0 P	302.2	24.1	139.0 - 259.0 P	199.0	19.3	24
Initial Grouping by Reagent								
Beckman Access luminometric	8	147.0 - 274.0 P	210.4	19.9	92.0 - 170.0 P	131.1	15.1	27
bioMerieux Vidas fluorometr	9	100.0 - 186.0 P	143.1	13.0	61.0 - 114.0 P	87.4	10.9	20
Roche Elecsys luminometric	10	43.0 - 80.0 P	61.3	5.7	33.0 - 62.0 P	47.8	6.8	19
Siemens luminometric	11	57.0 - 106.0 P	81.8	23.1	33.0 - 61.0 P	46.8	5.6	11
Siemens Immulite	12	54.0 - 100.0 P	76.9	11.1	38.0 - 70.0 P	54.0	7.2	88
Tosoh AIA Pack fluorometric	13	210.0 - 390.0 P	300.1	21.9	138.0 - 256.0 P	197.2	17.7	33
Initial Grouping by Sensitivity or Principle								
Moderate recovery methods	14	116.0 - 215.0 P	165.7	51.4	71.0 - 133.0 P	102.0	33.8	58
High moderate recovery meth	15	88.0 - 163.0 P	125.3	97.3	61.0 - 113.0 P	87.0	62.9	146
Total Population								
Whole Population	16	88.0 - 164.0 P	126.3	26.5	57.0 - 106.0 P	81.9	19.8	210

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Elecsys series	3	19.0 - 32.0	P	25.8	1.8	11.0 - 19.0	P	15.0	1.3	12
Siemens chemiluminometric & Siemens Centaur/Centaur CP	4	20.0 - 32.0	P	26.0	1.6	10.0 - 18.0	P	14.0	1.4	10
Siemens Immulite & Siem Immulite/Immulinite 1000	5	26.0 - 43.0	P	34.6	2.1	15.0 - 25.0	P	19.9	1.5	56
Siemens Immulite 2000 & Siemens Immulite 2000	6	25.0 - 42.0	P	33.3	2.3	14.0 - 23.0	P	18.8	1.5	25
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	18.0 - 31.0	P	24.7	1.1	10.0 - 18.0	P	14.0	0.6	18
Initial Grouping by Reagent										
Beckman Access luminometric	8	16.0 - 26.0	P	21.0	1.5	9.0 - 15.0	P	11.6	0.9	39
bioMerieux Vidas fluorometr	9	17.0 - 29.0	P	23.1	0.9	9.0 - 15.0	P	12.1	1.1	10
Roche Elecsys luminometric	10	19.0 - 32.0	P	25.8	1.7	11.0 - 19.0	P	15.0	1.2	24
Siemens chemiluminometric	11	20.0 - 32.0	P	26.0	1.6	10.0 - 18.0	P	14.0	1.4	10
Siemens Immulite	12	26.0 - 43.0	P	34.8	2.3	15.0 - 25.0	P	19.9	1.6	61
Siemens Immulite 2000	13	25.0 - 42.0	P	33.3	2.3	14.0 - 23.0	P	18.8	1.5	25
Tosoh AIA Pack fluorometric	14	18.0 - 31.0	P	24.6	1.4	10.0 - 17.0	P	13.8	0.7	24
Initial Grouping by Sensitivity or Principle										
Low recovery methods	15	17.0 - 29.0	P	23.1	0.9	9.0 - 15.0	P	12.1	1.1	10
Low moderate recovery meth	16	19.0 - 32.0	P	25.3	2.3	11.0 - 18.0	P	14.4	1.6	40
Moderate recovery methods	17	22.0 - 37.0	P	29.2	6.3	12.0 - 21.0	P	16.5	3.8	152
Total Population										
Whole Population	18	21.0 - 35.0	P	27.8	5.6	12.0 - 19.0	P	15.6	3.2	209

Progesterone

Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	16.1 - 29.9	P	23.01	1.80	9.8 - 18.2	P	13.98	0.88	24
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	17.6 - 32.7	P	25.18	1.82	10.5 - 19.5	P	15.02	0.99	16
Siemens luminometric & Siemens Centaur/Centaur CP	3	10.3 - 19.2	P	14.74	1.06	6.4 - 11.8	P	9.09	0.74	13
Siemens Immulite & Siem Immulite/Immulinite 1000	4	13.2 - 24.6	P	18.91	1.82	8.2 - 15.2	P	11.72	1.68	59
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	5	16.3 - 30.3	P	23.31	1.28	9.9 - 18.4	P	14.18	0.83	21
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	6	13.9 - 25.8	P	19.83	2.79	8.3 - 15.4	P	11.84	1.51	16
Initial Grouping by Reagent										
Beckman Access luminometric	7	16.2 - 30.1	P	23.14	1.92	9.8 - 18.1	P	13.94	0.92	27
bioMerieux Vidas fluorometr	8	17.6 - 32.7	P	25.18	1.82	10.5 - 19.5	P	15.02	0.99	16
Roche Elecsys luminometric	9	17.5 - 32.5	P	24.96	1.92	9.7 - 18.0	P	13.82	1.00	17
Siemens luminometric	10	10.3 - 19.2	P	14.74	1.06	6.4 - 11.8	P	9.09	0.74	13

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Siemens Immulite	11	13.2 - 24.5 P	18.82	1.80	8.2 - 15.2 P	11.68	1.67	65		
Tosoh AIA Pack fluorometric	12	16.3 - 30.3 P	23.32	1.24	10.1 - 18.7 P	14.40	0.84	30		
Siemens Immulite 2000, 2500	13	13.9 - 25.8 P	19.83	2.79	8.3 - 15.4 P	11.84	1.51	16		
Initial Grouping by Sensitivity or Principle										
Immunofluorometric-not FPIA	14	16.3 - 30.3 P	23.30	2.31	9.9 - 18.5 P	14.19	1.38	54		
Luminometric	15	14.1 - 26.1 P	20.11	3.43	8.5 - 15.8 P	12.13	1.97	141		
Total Population										
Whole Population	16	14.7 - 27.3 P	21.04	3.41	8.9 - 16.6 P	12.74	2.03	196		