



## Fertility - Endocrinology

Name	Line No.	Specimen 1			Specimen 2			No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	
<b>DHEA-S</b>								
<b>Initial Grouping by Sensitivity or Principle</b>								
All Siemens/DPC/Beckman	1	331.0 - 447.9 P	389.45	34.20	244.7 - 331.1 P	287.92	23.99	25
<b>Total Population</b>								
Whole Population	2	345.7 - 467.7 P	406.66	44.02	258.9 - 350.3 P	304.58	40.26	33
<b>Estradiol</b>								
<b>Initial Grouping by Reagent and Instrument</b>								
Beckman Access luminometric & Beckman Access luminometer	1	199.0 - 370.0 P	284.5	19.9	151.0 - 280.0 P	215.3	13.9	24
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	137.0 - 255.0 P	195.8	13.5	104.0 - 194.0 P	149.2	11.4	19
Roche Elecsys luminometric & Roche Elecsys series	3	49.0 - 91.0 P	70.3	9.4	42.0 - 77.0 P	59.5	4.7	10
Siemens luminometric & Siemens Centaur/Centaur CP	4	62.0 - 115.0 P	88.2	24.8	44.0 - 82.0 P	63.2	16.4	13
Siemens Immulite & Siemens Immulite 2000	5	70.0 - 130.0 P	100.0	7.4	56.0 - 103.0 P	79.3	7.6	30
Siemens Immulite & Siem Immulite/Immulite 1000	6	71.0 - 131.0 P	101.1	11.4	56.0 - 103.0 P	79.4	10.9	61
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	270.0 - 501.0 P	385.8	31.3	215.0 - 399.0 P	306.6	30.7	24
<b>Initial Grouping by Reagent</b>								
Beckman Access luminometric	8	198.0 - 368.0 P	283.1	20.7	151.0 - 280.0 P	215.1	13.6	27
bioMerieux Vidas fluorometr	9	137.0 - 255.0 P	195.8	13.5	104.0 - 194.0 P	149.2	11.4	19
Roche Elecsys luminometric	10	51.0 - 94.0 P	72.3	8.8	43.0 - 80.0 P	61.4	6.3	19
Siemens luminometric	11	64.0 - 119.0 P	91.7	22.6	46.0 - 85.0 P	65.5	14.9	13
Siemens Immulite	12	70.0 - 131.0 P	100.6	10.2	56.0 - 103.0 P	79.3	9.8	92
Tosoh AIA Pack fluorometric	13	269.0 - 500.0 P	384.7	28.5	215.0 - 398.0 P	306.5	28.4	31
<b>Initial Grouping by Sensitivity or Principle</b>								
Moderate recovery methods	14	152.0 - 282.0 P	217.1	75.4	115.0 - 214.0 P	164.2	58.3	59
High moderate recovery meth	15	108.0 - 200.0 P	154.2	120.7	86.0 - 160.0 P	123.0	95.9	150
<b>Total Population</b>								
Whole Population	16	116.0 - 215.0 P	165.1	40.6	85.0 - 159.0 P	122.0	29.6	219



Name	Line No.	Specimen 1			Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD		
Elecsys series	3	29.0 - 48.0	P 38.2	1.4	21.0 - 34.0	P 27.5	1.1	12	
Siemens chemiluminometric & Siemens Centaur/Centaur CP	4	28.0 - 47.0	P 37.7	1.1	20.0 - 34.0	P 26.8	1.4	12	
Siemens Immulite & Siem Immulite/Immulinite 1000	5	36.0 - 60.0	P 47.7	3.0	25.0 - 42.0	P 33.4	2.3	55	
Siemens Immulite 2000 & Siemens Immulite 2000	6	34.0 - 57.0	P 45.5	2.7	23.0 - 39.0	P 31.3	2.5	26	
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	27.0 - 45.0	P 36.4	1.9	19.0 - 32.0	P 25.6	1.4	17	
<b>Initial Grouping by Reagent</b>									
Beckman Access luminometric	8	23.0 - 39.0	P 31.0	2.4	16.0 - 27.0	P 21.7	1.3	39	
bioMerieux Vidas fluorometr	9	26.0 - 43.0	P 34.2	1.3	17.0 - 29.0	P 23.3	1.5	11	
Roche Elecsys luminometric	10	28.0 - 47.0	P 37.8	1.4	20.0 - 34.0	P 27.0	1.1	22	
Siemens chemiluminometric	11	28.0 - 47.0	P 37.7	1.1	20.0 - 34.0	P 26.8	1.4	12	
Siemens Immulite	12	36.0 - 59.0	P 47.5	3.0	25.0 - 41.0	P 33.2	2.3	62	
Siemens Immulite 2000	13	34.0 - 57.0	P 45.6	2.7	24.0 - 39.0	P 31.4	2.5	27	
Tosoh AIA Pack fluorometric	14	28.0 - 46.0	P 36.7	2.0	19.0 - 32.0	P 25.8	1.5	24	
<b>Initial Grouping by Sensitivity or Principle</b>									
Low recovery methods	15	26.0 - 43.0	P 34.2	1.3	17.0 - 29.0	P 23.3	1.5	11	
Low moderate recovery meth	16	28.0 - 47.0	P 37.3	2.5	20.0 - 33.0	P 26.3	2.1	40	
Moderate recovery methods	17	31.0 - 51.0	P 41.1	7.6	22.0 - 36.0	P 28.8	5.2	154	
<b>Total Population</b>									
Whole Population	18	30.0 - 50.0	P 40.2	6.8	21.0 - 35.0	P 28.1	4.8	218	

## Progesterone

### Initial Grouping by Reagent and Instrument

Beckman Access luminometric & Beckman Access luminometer	1	22.7 - 42.2	P 32.48	3.37	16.5 - 30.7	P 23.61	2.29	24	
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	24.2 - 45.0	P 34.60	2.06	18.5 - 34.4	P 26.44	2.06	17	
Siemens luminometric & Siemens Centaur/Centaur CP	3	14.5 - 26.9	P 20.68	1.29	10.8 - 20.1	P 15.49	0.77	16	
Siemens Immulite & Siem Immulite/Immulinite 1000	4	17.6 - 32.7	P 25.14	5.56	13.8 - 25.6	P 19.67	1.79	58	
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	5	22.9 - 42.6	P 32.75	2.08	17.1 - 31.8	P 24.50	1.59	21	
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	6	18.1 - 33.6	P 25.83	3.51	12.9 - 24.0	P 18.48	1.98	15	
<b>Initial Grouping by Reagent</b>									
Beckman Access luminometric	7	22.6 - 42.0	P 32.33	3.54	16.5 - 30.6	P 23.54	2.42	27	
bioMerieux Vidas fluorometr	8	24.2 - 45.0	P 34.60	2.06	18.5 - 34.4	P 26.44	2.06	17	
Roche Elecsys luminometric	9	25.4 - 47.2	P 36.27	2.86	18.3 - 34.1	P 26.21	1.44	17	
Siemens luminometric	10	14.5 - 26.9	P 20.68	1.29	10.8 - 20.1	P 15.49	0.77	16	

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		Range & Type	Mean	SD	Range & Type	Mean	SD			
Siemens Immulite	11	17.7 - 32.8 P	25.25	5.29	13.8 - 25.7 P	19.78	1.80	66		
Tosoh AIA Pack fluorometric	12	22.6 - 42.0 P	32.34	2.12	17.0 - 31.6 P	24.34	1.62	28		
Siemens Immulite 2000, 2500	13	18.2 - 33.7 P	25.94	3.42	13.0 - 24.1 P	18.51	1.92	16		
<b>Initial Grouping by Sensitivity or Principle</b>										
Immunofluorometric-not FPIA	14	22.9 - 42.5 P	32.68	2.67	17.2 - 31.9 P	24.52	2.56	52		
Luminometric	15	19.5 - 36.1 P	27.80	7.82	14.6 - 27.1 P	20.84	5.13	146		
<b>Total Population</b>										
Whole Population	16	20.2 - 37.4 P	28.79	5.81	15.2 - 28.1 P	21.65	3.64	202		