



Fertility - Endocrinology

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	
DHEA-S																	
Initial Grouping by Reagent																	
Beckman Coulter Access	1	71.7 - 97.0	P 84.34	3.75	422.1 - 571.0	P 496.54	26.49	-	-	-	-	-	-	-	-	14	
Roche Elecsys	2	113.4 - 153.4	P 133.4	10.74	479.6 - 648.8	P 564.19	36.57	-	-	-	-	-	-	-	-	14	
Initial Grouping by Sensitivity or Principle																	
All other luminometric	3	107.0 - 144.8	P 125.94	16.99	460.0 - 622.4	P 541.19	54.04	-	-	-	-	-	-	-	-	18	
All Siemens/DPC/Beckman	4	72.4 - 97.9	P 85.17	5.47	405.6 - 548.7	P 477.14	34.0	-	-	-	-	-	-	-	-	25	
Total Population																	
Whole Population	5	87.5 - 118.4	P 102.98	22.72	434.1 - 587.4	P 510.75	58.22	-	-	-	-	-	-	-	-	46	
Estradiol																	
Initial Grouping by Reagent and Instrument																	
Beckman Coulter Access & Beckman Coulter Access	1	29 - 54	P 41.5	10.1	376 - 698	P 536.6	39.6	-	-	-	-	-	-	-	-	32	
Roche Cobas & Roche e411/e601/E170/E2010	2	16 - 30	P 23.1	4.2	319 - 592	P 455.4	17.6	-	-	-	-	-	-	-	-	16	
Roche Elecsys & Roche e411/e601/E170/E2010	3	16 - 30	P 22.9	7.3	320 - 594	P 457.1	26.2	-	-	-	-	-	-	-	-	34	
Siemens Immulite & Siemens Immulite 1000	4	71 - 132	P 101.3	16.3	322 - 599	P 460.4	42.0	-	-	-	-	-	-	-	-	20	
Siemens luminometric & Siemens Centaur/Centaur CP	5	20 - 36	P 28.0	6.9	385 - 715	P 550.1	29.0	-	-	-	-	-	-	-	-	14	
Tosoh AIA & Tosoh AIA	6	31 - 58	P 44.5	9.3	595 - 1104	P 849.6	53.6	-	-	-	-	-	-	-	-	22	
Tosoh AIA & Tosoh AIA ST	7	30 - 55	P 42.6	8.3	606 - 1126	P 866.0	73.3	-	-	-	-	-	-	-	-	26	
Initial Grouping by Reagent																	
Beckman Coulter Access	8	28 - 53	P 40.5	10.1	374 - 694	P 533.8	47.9	-	-	-	-	-	-	-	-	39	
Roche Cobas	9	16 - 30	P 23.1	4.0	316 - 586	P 451.0	18.0	-	-	-	-	-	-	-	-	21	
Roche Elecsys	10	17 - 31	P 24.1	8.0	322 - 597	P 459.4	25.0	-	-	-	-	-	-	-	-	41	
Siemens Immulite	11	68 - 127	P 97.8	18.3	324 - 602	P 462.7	40.2	-	-	-	-	-	-	-	-	27	
Siemens luminometric	12	20 - 37	P 28.6	7.0	383 - 710	P 546.5	31.0	-	-	-	-	-	-	-	-	15	
Tosoh AIA	13	30 - 56	P 43.4	8.8	601 - 1116	P 858.6	65.7	-	-	-	-	-	-	-	-	48	
Initial Grouping by Sensitivity or Principle																	
Beckman Ortho and Siemens	14	39 - 73	P 56.0	31.3	358 - 664	P 510.8	56.5	-	-	-	-	-	-	-	-	82	
Standardized methods	15	17 - 31	P 23.7	6.9	319 - 592	P 455.6	24.2	-	-	-	-	-	-	-	-	63	
Tosoh and bioMerieux	16	28 - 53	P 40.4	10.9	576 - 1070	P 823.1	102.4	-	-	-	-	-	-	-	-	57	
Total Population																	
Whole Population	17	29 - 53	P 41.0	24.8	403 - 748	P 575.7	166.9	-	-	-	-	-	-	-	-	208	
Follicle Stimulating Hormone (FSH)																	
Initial Grouping by Reagent and Instrument																	
Beckman Coulter Access & Beckman Coulter Access	1	6 - 10	C 7.7	0.6	55 - 91	P 72.9	4.5	-	-	-	-	-	-	-	-	30	
Beckman Coulter Access & Beckman Coulter Dxl	2	6 - 10	C 7.7	0.7	57 - 94	P 75.5	5.6	-	-	-	-	-	-	-	-	11	
Roche Cobas & Roche e411/e601/E170/E2010	3	5 - 9	C 7.2	0.4	50 - 84	P 67.1	2.3	-	-	-	-	-	-	-	-	14	
Roche Elecsys & Roche e411/e601/E170/E2010	4	5 - 9	C 7.1	0.7	50 - 83	P 66.7	5.0	-	-	-	-	-	-	-	-	34	
Siemens Immulite & Siemens Immulite 1000	5	3 - 7	C 5.3	0.6	51 - 85	P 68.0	5.0	-	-	-	-	-	-	-	-	18	
Siemens luminometric & Siemens Centaur/Centaur CP	6	4 - 8	C 6.3	1.1	56 - 93	P 74.7	6.8	-	-	-	-	-	-	-	-	13	
Tosoh AIA & Tosoh AIA	7	7 - 11	P 8.8	0.6	51 - 85	P 68.1	5.7	-	-	-	-	-	-	-	-	12	
Tosoh AIA & Tosoh AIA ST	8	7 - 11	P 8.8	0.8	50 - 84	P 67.1	5.5	-	-	-	-	-	-	-	-	17	
Initial Grouping by Reagent																	

Beckman Coulter Access	9	6 - 10	C 7.7	0.6	55 - 92	P 73.6	5.0	-	-	-	41
Roche Cobas	10	5 - 9	C 7.1	0.5	50 - 83	P 66.0	2.8	-	-	-	19
Roche Elecsys	11	5 - 9	C 7.1	0.7	50 - 83	P 66.1	5.1	-	-	-	41
Siemens Immulite	12	3 - 7	C 5.3	0.5	51 - 85	P 68.0	4.8	-	-	-	20
Siemens luminometric	13	4 - 8	C 6.3	1.1	55 - 92	P 73.4	7.9	-	-	-	14
Tosoh AIA	14	7 - 11	P 8.8	0.7	51 - 84	P 67.5	5.6	-	-	-	29
Initial Grouping bySensitivityor Principle											
Standardized methods	15	5 - 9	C 7.2	1.3	52 - 86	P 69.1	6.3	-	-	-	171
Total Population											
Whole Population	16	5 - 9	C 7.1	1.3	52 - 86	P 68.9	6.3	-	-	-	179

Leuteinizing Hormone (LH)

Initial Grouping byReagent and Instrument

Beckman Coulter Access & Beckman Coulter Access	1	2 - 6	C 4.0	0.0	45 - 75	P 60.3	4.0	-	-	-	32
Beckman Coulter Access & Beckman Coulter Dxl	2	2 - 6	C 3.7	0.4	46 - 76	P 60.8	3.4	-	-	-	11
Roche Cobas & Roche e411/e601/E170/E2010	3	3 - 7	C 4.9	0.3	62 - 103	P 82.6	3.3	-	-	-	15
Roche Elecsys & Roche e411/e601/E170/E2010	4	3 - 7	C 4.8	0.4	61 - 102	P 81.3	4.7	-	-	-	33
Siemens Immulite & Siemens Immulite 1000	5	2 - 6	C 4.0	0.3	112 - 187	P 149.3	12.1	-	-	-	17
Siemens luminometric & Siemens Centaur/Centaur CP	6	2 - 6	C 3.8	0.4	62 - 103	P 82.8	5.8	-	-	-	13
Tosoh AIA & Tosoh AIA	7	1 - 5	C 3.1	0.3	55 - 92	P 73.8	3.0	-	-	-	15
Tosoh AIA & Tosoh AIA ST	8	1 - 5	C 3.2	0.4	56 - 94	P 75.0	3.9	-	-	-	19

Initial Grouping byReagent

Beckman Coulter Access	9	2 - 6	C 3.9	0.3	45 - 76	P 60.4	3.9	-	-	-	43
Roche Cobas	10	3 - 7	C 5.0	0.4	62 - 104	P 82.9	3.7	-	-	-	20
Roche Elecsys	11	3 - 7	C 4.9	0.4	61 - 102	P 81.9	4.6	-	-	-	40
Siemens Immulite	12	2 - 6	C 4.0	0.3	111 - 185	P 148.4	12.1	-	-	-	18
Siemens luminometric	13	2 - 6	C 3.9	0.3	63 - 104	P 83.5	6.2	-	-	-	14
Tosoh AIA	14	1 - 5	C 3.2	0.4	56 - 93	P 74.5	3.6	-	-	-	34
Initial Grouping bySensitivityor Principle											
Standardized methods	15	2 - 6	C 4.0	0.8	56 - 94	P 75.1	14.6	-	-	-	164
Siemens Immulite all	16	2 - 6	C 4.0	0.4	109 - 181	P 144.7	14.2	-	-	-	23
Total Population											
Whole Population	17	2 - 6	C 4.0	0.8	62 - 103	P 82.4	25.9	-	-	-	187

Progesterone

Initial Grouping byReagent and Instrument

Beckman Coulter Access & Beckman Coulter Access	1	1.7 - 3.1	P 2.41	0.32	27.7 - 51.5	P 39.61	2.43	-	-	-	32
Roche Cobas & Roche e411/e601/E170/E2010	2	1.5 - 2.9	P 2.21	0.09	32.8 - 60.9	P 46.87	1.5	-	-	-	16
Roche Elecsys & Roche e411/e601/E170/E2010	3	1.5 - 2.9	P 2.21	0.18	32.2 - 59.8	P 46.02	2.65	-	-	-	33
Siemens Immulite & Siemens Immulite 1000	4	1.6 - 2.9	P 2.22	0.16	21.1 - 39.3	P 30.21	2.99	-	-	-	19
Siemens luminometric & Siemens Centaur/Centaur CP	5	1.6 - 3.0	P 2.31	0.18	24.3 - 45.1	P 34.68	3.16	-	-	-	14
Tosoh AIA Prog II and earlier & Tosoh AIA ST	6	1.7 - 3.1	P 2.41	0.33	30.9 - 57.4	P 44.15	6.52	-	-	-	14
Tosoh AIA Prog III & Tosoh AIA	7	2.3 - 4.3	P 3.27	0.21	33.0 - 61.3	P 47.19	8.45	-	-	-	10
Tosoh AIA Prog III & Tosoh AIA ST	8	2.3 - 4.2	P 3.25	0.17	30.8 - 57.3	P 44.06	10.16	-	-	-	11

Initial Grouping byReagent

Beckman Coulter Access	9	1.7 - 3.2	P 2.44	0.3	28.1 - 52.2	P 40.15	4.36	-	-	-	38
Roche Cobas	10	1.5 - 2.8	P 2.18	0.1	32.4 - 60.1	P 46.24	1.92	-	-	-	20
Roche Elecsys	11	1.5 - 2.8	P 2.19	0.17	32.0 - 59.3	P 45.65	2.58	-	-	-	41
Siemens Immulite	12	1.6 - 2.9	P 2.23	0.16	20.9 - 38.8	P 29.87	3.26	-	-	-	20
Siemens luminometric	13	1.6 - 3.0	P 2.31	0.17	24.7 - 45.9	P 35.34	3.93	-	-	-	15
Tosoh AIA Prog II and earlier	14	1.7 - 3.2	P 2.47	0.46	30.0 - 55.7	P 42.84	5.84	-	-	-	21
Tosoh AIA Prog III	15	2.3 - 4.2	P 3.25	0.19	31.6 - 58.8	P 45.21	9.4	-	-	-	22

Initial Grouping bySensitivityor Principle

Standardized methods	16	1.7 - 3.2	P 2.43	0.43	30.4 - 56.5	P 43.44	6.43	-	-	-	167
Siemens Immulite all	17	1.5 - 2.8	P 2.14	0.21	19.8 - 36.8	P 28.3	4.49	-	-	-	27
Total Population											
Whole Population	18	1.7 - 3.1	P 2.38	0.42	28.9 - 53.7	P 41.31	8.11	-	-	-	195