



AMERICAN ASSOCIATION OF BIOANALYSTS  
 205 West Levee St. Brownsville, TX 78520  
 (281) 436-5357 - (800) 234-5315 - Fax (713) 781-5008

PARTICIPANT STATISTICS

FERTILITY ENDOCRINOLOGY

Chemistry Q1 2010

Name	Line No.	Specimen 1			Specimen 2			No. Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	
<b>DHEA-S</b>								
<b>Initial Grouping by Reagent and Instrument</b>								
Siemens Immulite 2000, 2500 & Siemens Immulite 2000	1	66.1-89.4 P	77.78	5.9	350.0-473.6 P	411.80	45.5	11
<b>Initial Grouping by Reagent</b>								
Siemens Immulite 2000, 2500	2	66.1-89.4 P	77.78	5.9	350.0-473.6 P	411.80	45.5	11
<b>Initial Grouping by Sensitivity or Principle</b>								
Moderate recovery methods	3	88.3-119.5 P	103.87	25.5	423.5-572.9 P	498.20	46.2	11
All DPC	4	67.0-90.7 P	78.85	8.0	354.6-479.7 P	417.14	46.0	15
<b>Total Population</b>								
Whole Population	5	76.6-103.6 P	90.07	19.5	384.1-519.7 P	451.88	111.3	33



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<b>Estradiol</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Beckman Access luminometric & Beckman Access luminometer	1	26-48	P	37.3	8	960-1783	P	1371.6	120	23
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	13-24	P	18.7	3	595-1105	P	849.7	48	23
Roche Elecsys luminometric & Roche Elecsys series	3	14-26	P	19.8	7	104-192	P	147.9	6	12
Siemens luminometric & Siemens Centaur/Centaur CP	4	7-13	P	10.0	4	195-363	P	278.9	40	15
Siemens Immulite & Siemens Immulite/Immul 1000	5	17-31	P	23.8	4	210-390	P	299.7	24	60
Siemens Immulite & Siemens Immulite 2000	6	19-35	P	26.7	5	207-384	P	295.2	19	31
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	21-38	P	29.5	8	929-1726	P	1327.8	112	21
<b>Initial Grouping by Reagent</b>										
Beckman Access luminometric	8	27-50	P	38.4	9	950-1763	P	1356.5	121	26
bioMerieux Vidas fluorometr	9	13-25	P	19.2	4	595-1105	P	849.7	48	23
Roche Elecsys luminometric	10	18-33	P	25.4	10	103-190	P	146.5	7	16
Siemens luminometric	11	5-11	C	8.5	6	198-367	P	282.6	49	17
Siemens Immulite	12	18-33	P	25.4	7	208-387	P	297.7	26	93
Tosoh AIA Pack fluorometric	13	23-42	P	32.4	11	874-1624	P	1249.2	377	27
<b>Initial Grouping by Sensitivity or Principle</b>										
Moderate recovery methods	14	17-32	P	24.7	14	647-1202	P	924.9	441	66
High moderate recovery meth	15	19-35	P	26.8	9	306-568	P	436.8	423	148
<b>Total Population</b>										
Whole Population	16	17-32	P	24.8	5	363-674	P	518.7	217	228



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		Range & Type	Mean	SD	Range & Type	Mean	SD			
<b>Follicle Stimulating Hormone (FSH)</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Abbott MEIA fluorometric & Abbott AxSYM	1	3-7	C	5.3	0	48-80	P	64.2	4	10
Beckman Access luminometric & Beckman Access luminometer	2	4-8	C	6.2	0	47-79	P	62.9	3	36
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	3	4-8	C	5.9	0	63-105	P	84.0	5	11
Roche Elecsys luminometric & Roche Elecsys series	4	4-8	C	5.9	0	49-82	P	65.8	5	14
Siemens luminometric & Siemens Centaur/Centaur CP	5	3-7	C	4.8	1	53-89	P	71.0	4	13
Siemens Immulite & Siemens Immulite/Imm 1000	6	3-7	C	4.8	0	53-88	P	70.5	4	59
Siemens Immulite & Siemens Immulite 2000	7	3-7	C	5.0	0	52-87	P	69.3	6	28
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	8	5-9	C	6.6	1	42-70	P	56.4	4	21
<b>Initial Grouping by Reagent</b>										
Abbott MEIA fluorometric	9	3-7	C	5.3	0	48-80	P	64.2	4	10
Beckman Access luminometric	10	4-8	C	6.2	0	48-79	P	63.6	4	40
bioMerieux Vidas fluorometr	11	4-8	C	5.9	0	63-105	P	84.0	5	11
Roche Elecsys luminometric	12	4-8	C	5.6	1	49-82	P	65.4	5	21
Siemens luminometric	13	3-7	C	4.9	1	53-88	P	70.4	6	15
Siemens Immulite	14	3-7	C	4.9	0	53-88	P	70.4	5	88
Tosoh AIA Pack fluorometric	15	5-9	C	7.1	1	41-68	P	54.3	15	28
Siemens Immulite 2000, 2500	16	3-7	C	5.0	0	52-86	P	69.1	3	10
<b>Initial Grouping by Sensitivity or Principle</b>										
Very low recovery methods	17	3-7	C	4.9	1	53-88	P	70.4	6	15
Low recovery methods	18	3-7	C	5.2	0	47-79	P	63.2	4	12
Moderate recovery methods	19	4-8	C	5.5	1	49-82	P	65.7	9	193
High moderate recovery meth	20	4-8	C	5.9	0	62-103	P	82.2	9	14
<b>Total Population</b>										
Whole Population	21	3-7	C	5.4	1	51-84	P	67.3	8	242



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<b>Leuteinizing Hormone (LH)</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Beckman Access luminometric & Beckman Access luminometer	1	1-5	C	3.0	0	29-49	P	39.1	2	29
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	1-5	C	2.8	0	33-55	P	44.3	2	12
Roche Elecsys luminometric & Roche Elecsys series	3	2-6	C	4.0	0	36-60	P	47.7	3	14
Siemens chemiluminometric & Siemens Centaur/Centaur CP	4	2-6	C	4.0	0	39-65	P	51.7	5	12
Siemens Immulite & Siemens Immulite/Immul 1000	5	2-6	C	4.4	1	43-72	P	57.4	4	54
Siemens Immulite & Siemens Immulite 2000	6	2-6	C	4.3	0	43-72	P	57.5	6	11
Siemens Immulite 2000 & Siemens Immulite 2000	7	2-6	C	4.2	1	41-68	P	54.5	5	24
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	8	1-5	C	3.4	0	38-62	P	50.0	2	20
<b>Initial Grouping by Reagent</b>										
Beckman Access luminometric	9	2-6	C	4.2	7	29-48	P	38.1	7	32
bioMerieux Vidas fluorometr	10	1-5	C	2.8	0	33-55	P	44.3	2	12
Roche Elecsys luminometric	11	2-6	C	4.2	0	37-61	P	48.7	2	20
Siemens chemiluminometric	12	2-6	C	4.0	0	39-64	P	51.5	4	13
Siemens Immulite	13	2-6	C	4.4	1	43-72	P	57.4	4	66
Siemens Immulite 2000	14	2-6	C	4.2	1	41-68	P	54.4	4	26
Tosoh AIA Pack fluorometric	15	1-5	C	3.3	0	36-60	P	48.0	10	25
<b>Initial Grouping by Sensitivity or Principle</b>										
Low recovery methods	16	1-5	C	2.8	0	33-55	P	44.3	2	12
Low moderate recovery meth	17	2-6	C	4.0	0	38-63	P	50.3	4	43
Moderate recovery methods	18	2-6	C	4.2	3	38-64	P	50.9	10	155
<b>Total Population</b>										
Whole Population	19	2-6	C	3.8	1	38-64	P	51.0	7	223



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<b>Progesterone</b>										
<b>Initial Grouping by Reagent and Instrument</b>										
Beckman Access luminometric & Beckman Access luminometer	1	2.3-4.2	P	3.24	0.5	27.7-51.4	P	39.56	3.8	21
bioMerieux Vidas fluorometr & bioMerieux mini Vidas/Vidas	2	2.3-4.2	P	3.24	0.2	32.7-60.8	P	46.76	3.6	18
Roche Elecsys luminometric & Roche Elecsys series	3	1.4-2.5	P	1.94	0.1	32.6-60.6	P	46.58	4.0	11
Siemens luminometric & Siemens Centaur/Centaur CP	4	2.2-4.0	P	3.11	0.2	21.1-39.2	P	30.12	1.4	14
Siemens Immulite & Siemens Immulite/Immulin 1000	5	1.9-3.5	P	2.73	0.3	21.5-39.9	P	30.70	8.9	55
Siemens Immulite & Siemens Immulite 2000	6	1.8-3.3	P	2.51	0.2	21.8-40.4	P	31.10	2.3	17
Tosoh AIA Pack fluorometric & Tosoh Medics ST AIA	7	2.3-4.3	P	3.29	0.4	26.8-49.9	P	38.35	3.0	19
<b>Initial Grouping by Reagent</b>										
Beckman Access luminometric	8	3.4-6.3	P	4.84	7.6	26.6-49.4	P	37.99	8.4	23
bioMerieux Vidas fluorometr	9	2.3-4.2	P	3.24	0.2	32.7-60.8	P	46.76	3.6	18
Roche Elecsys luminometric	10	1.4-2.5	P	1.93	0.1	32.4-60.1	P	46.27	3.3	16
Siemens luminometric	11	2.2-4.0	P	3.11	0.2	21.6-40.0	P	30.80	2.3	15
Siemens Immulite	12	1.9-3.5	P	2.71	0.4	21.5-39.9	P	30.66	8.1	73
Tosoh AIA Pack fluorometric	13	2.4-4.5	P	3.46	1.0	26.1-48.5	P	37.32	7.9	25
<b>Initial Grouping by Sensitivity or Principle</b>										
Immunofluorometric-not FPIA	14	2.3-4.3	P	3.30	0.8	28.2-52.4	P	40.29	9.1	50
Luminometric	15	2.3-4.3	P	3.34	5.1	23.4-43.4	P	33.36	9.1	138
<b>Total Population</b>										
Whole Population	16	2.1-3.8	P	2.94	0.4	25.6-47.5	P	36.56	5.3	197