

**UVA CENTER FOR RESEARCH IN REPRODUCTION LIGAND
ASSAY AND ANALYSIS CORE LABORATORY**

INTRA- AND INTER-ASSAY %CV DATA FOR ALL ASSAYS FROM 2007

ASSAY	SENSITIVITY	2007	
		INTRA CV%	INTER CV%
3-alpha-diol-G -ELISA	1.0 ng/ml	5.0	8.3
Activin A	5.0 ng/ml	4.6	7.0
Activin B	2.0 ng/ml	5.8	6.8
Activin AB	10.0 ng/ml	5.3	10.0
Androstenedione - RIA	0.1 ng/ml	5.5	9.2
Corticosterone - RIA	20.0 ng/ml	4.5	6.2
Cortisol - Immulite	1.0 ug/dl	3.5	6.5
DHEA - ELISA	0.2 ng/ml	1.7	7.4
DHEA-SO4 - Immulite	7.0 ug/dl	3.4	7.1
DHT-Non Extraction-RIA	20 pg/ml	3.8	7.3
Estradiol - DPC - RIA	10.0 pg/ml	4.9	6.8
Estradiol - DSL - RIA	10 pg/ml	5.2	10.6
Estrone - RIA	15.0 pg/ml	3.8	6.8
FSH Human - Immulite	0.05 mIU/ml	1.9	4.8
Inhibin-A - ELISA	10 pg/ml	3.7	9.3
Inhibin-B - ELISA	20 pg/ml	6.5	9.5
Insulin Human - Immulite	2.6 uIU/ml	2.5	3.9
LH Human - Immulite	0.1 mIU/ml	2.7	5.1
Mouse FSH - RIA	2.0 ng/ml	6.7	8.4
Mouse LH - IRMA	0.07 ng/ml	3.9	6.7
Progesterone - RIA	0.10 ng/ml	4.1	6.4
Proinsulin - RIA	2.0 pM	4.0	9.3
Prolactin Human -Immulite	1.0 ng/ml	1.4	1.8
17a-OH Progesterone - RIA	0.1 ng/ml	4.7	7.1
Rat FSH - RIA	1.5 ng/ml	5.0	8.5
Rat LH - IRMA	0.07 ng/ml	3.7	8.7
SHBG Human - Immulite	0.2 nmol/L	2.4	5.8
Testosterone - RIA	10.0 ng/dl	3.4	8.1
Sensitive Estradiol - RIA	1.5 pg/ml	4.4	10.1
Sensitive Progesterone - RIA	0.05 ng/ml	4.2	6.1
Sensitive Testosterone -RIA	5.0 ng/dl	4.3	9.3