

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

INTRA- AND INTER-ASSAY %CV DATA FOR ALL ASSAYS FROM 2006

ASSAY	SENSITIVITY	2006	
		INTRA CV%	INTER CV%
3-alpha-diol-G -ELISA	1.0 ng/ml	5.0	8.3
Androstenedione - RIA	0.1 ng/ml	7.6	8.7
Corticosterone - RIA	20.0 ng/ml	4.8	6.1
Cortisol - Immulite	1.0 ug/dl	4.9	6.3
DHEA - ELISA	0.2 ng/ml	1.7	7.4
DHEA-SO4 - Immulite	7.0 ug/dl	3.9	7.4
DHT-Non Extraction-RIA	20 pg/ml	4.9	7.3
Estradiol - DPC - RIA	10.0 pg/ml	5.8	5.8
Estradiol - DSL - RIA	10 pg/ml	5.7	11.6
Estrone - RIA	15.0 pg/ml	3.8	11.8
FSH Human - Immulite	0.05 mIU/ml	1.9	4.8
Inhibin-A - ELISA	10 pg/ml	4.1	9.5
Inhibin-B - ELISA	20 pg/ml	7.7	10.6
Insulin Human - Immulite	2.6 uIU/ml	1.8	4.4
LH Human - Immulite	0.1 mIU/ml	2.3	5.3
Mouse FSH - RIA	2.0 ng/ml	8.4	7.7
Mouse LH - IRMA	0.07 ng/ml	3.4	8.6
Progesterone - RIA	0.10 ng/ml	4.0	6.2
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	7.8	7.5
Rat FSH - RIA	1.5 ng/ml	5.2	9.8
Rat LH - IRMA	0.07 ng/ml	3.6	7.9
SHBG Human - Immulite	0.2 nmol/L	2.2	6.1
Testosterone - RIA	10.0 ng/dl	3.5	8.8
Sensitive Estradiol - RIA	1.5 pg/ml	4.4	11.2
Sensitive Progesterone - RIA	0.05 ng/ml	3.1	4.1
Sensitive Testosterone - RIA	5.0 ng/dl	3.4	9.3