

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

INTRA- AND INTER-ASSAY CV% DATA FOR ALL ASSAYS FROM 2005

ASSAY	SENSITIVITY	2005	
		INTRA CV%	INTER CV%
Androstenedione - RIA	0.1 ng/ml	4.6	13.1
Corticosterone - RIA	20.0 ng/ml	3.8	5.8
Cortisol - Immulite	1.0 ug/dl	4.2	6.5
DHEA-SO4 - Immulite	7.0 ug/dl	6.2	7.8
Estradiol - RIA	10 pg/ml	5.3	11.8
Estrone - RIA	15.0 pg/ml	5.1	11.3
FSH Human - Immulite	0.05 mIU/ml	2.6	4.9
Inhibin-A	10 pg/ml	2.6	6.3
Inhibin-B	20 pg/ml	5.6	12.1
Insulin Human - Immulite	2.6 uIU/ml	3.1	8.4
LH Human - Immulite	0.1 mIU/ml	2.3	6.4
Progesterone - RIA	0.10 ng/ml	4.6	7.3
Proinsulin - RIA	6.0 pM	5.7	9.3
Prolactin Human - Immulite	1.0 ng/ml	2.7	4.0
17a-OH Progesterone - RIA	0.1 ng/ml	4.2	7.5
SHBG Human - Immulite	0.2 nmol/L	2.0	4.1
Testosterone - RIA	10.0 ng/dl	4.7	8.7
Rat FSH - RIA	1.5 ng/ml	5.7	9.4
Rat LH - IRMA	0.07 ng/ml	2.6	8.4
Mouse FSH - RIA	2.0 ng/ml	6.9	13.3
Mouse LH - IRMA	0.07 ng/ml	3.6	9.2
Sensitive Estradiol - RIA	1.5 pg/ml	5.6	13.1
Sensitive Progesterone -RIA	0.05 ng/ml	2.9	10.9
Sensitive Testosterone -RIA	5.0 ng/dl	4.4	12.5