

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

INTRA- AND INTER-ASSAY %CV DATA FOR ALL ASSAYS FROM 2008

ASSAY	SENSITIVITY	2008	
		INTRA CV%	INTER CV%
AMH - ELISA	0.25 ng/mL	3.2	6.1
3-alpha diol-G -ELISA	1.0 ng/mL	5.0	8.3
Androstenedione - RIA	0.1 ng/mL	6.4	6.3
Cortisol Human - Immulite	1.0 ug/dL	4.4	6.3
Corticosterone - RIA	20.0 ng/mL	4.8	5.2
DHEA - ELISA	0.2 ng/mL	1.7	7.4
DHEA-SO4 Human - Immulite	7.0 ug/dL	4.8	5.3
DHT-Non Extraction-RIA	20 pg/mL	3.8	7.3
Estradiol Human & Mouse - Beckman Coulter - RIA	10.0 pg/mL	6.0	9.3
Estradiol Rat - Siemens - RIA	10.0 pg/mL	4.9	8.3
Estrone - RIA	15.0 pg/mL	6.5	7.7
FSH Human - Immulite	0.1 mIU/mL	2.2	4.9
IGF-1 Human - Immulite	25 ng/mL	2.2	4.4
Inhibin-A - ELISA	10.0 pg/mL	5.1	10.0
Inhibin-B - ELISA	20.0 pg/mL	3.7	9.8
Insulin Human - Immulite	2.6 uIU/mL	2.5	3.7
LH Human - Immulite	0.1 mIU/mL	2.5	5.0
Mouse FSH - RIA	2.0 ng/mL	8.3	9.5
Mouse LH - IRMA	0.07 ng/mL	4.9	8.6
Progesterone - RIA	0.1 ng/mL	4.4	7.4
Proinsulin - RIA	2.0 pM	4.0	9.3
Prolactin Human - Immulite	1.0 ng/mL	2.2	2.6
17a-OH Progesterone - RIA	0.1 ng/mL	4.6	9.0
Rat FSH - RIA	1.5 ng/mL	6.4	8.5
Rat LH - IRMA	0.07 ng/mL	5.0	10.0
SHBG Human - Immulite	0.2 nmol/L	2.5	9.6
Testosterone - RIA	10.0 ng/dL	4.4	8.1
Sensitive Estradiol - RIA	1.5 pg/mL	5.8	9.4
Sensitive Progesterone - RIA	0.05 ng/mL	4.7	5.9
Sensitive Testosterone - RIA	5.0 ng/dL	4.3	8.8