

UVA Center for Research in Reproduction

(Serum vs Plasma)

V12

ASSAY	SERUM	HEPARINIZED PLASMA	EDTA PLASMA
17a-OH-PROGESTERONE – HUMAN, MOUSE & RAT (ALPCO ELISA)	YES	YES	YES
25-OH-VITAMIN D – HUMAN (EAGLE BIOSCIENCES ELISA)	YES	YES	YES
* ACTH – HUMAN (IMMULITE 2000)	NO	NO	YES – Special Collection
AMH –HUMAN (ANSH ELISA)	YES	YES – Lithium Heparin	NO
AMH – MOUSE & RAT (ANSH ELISA)	YES	NO	NO
ANDROSTENEDIONE – HUMAN (ALPCO ELISA)	YES	NO	NO
ANTI-TPO – HUMAN (IMMULITE 2000)	YES	NO	NO
CORTICOSTERONE – MOUSE & RAT (MP BIOMEDICALS RIA)	YES	YES	YES
* CORTISOL, SERUM – HUMAN (IMMULITE 2000)	YES	NO	NO
* C-PEPTIDE – HUMAN (IMMULITE 2000)	YES	YES	NO
* CRP - HIGH SENSITIVITY, HUMAN (IMMULITE 2000)	YES	YES	YES
DHEA – HUMAN (ALPCO ELISA)	YES	YES	NO
* DHEA-SO4 – HUMAN (IMMULITE 2000)	YES	NO	NO
ESTRADIOL – HUMAN (MP BIOMEDICALS RIA)	YES	YES	NO
ESTRADIOL – MOUSE & RAT (CALBIOTECH ELISA)	YES	YES	YES
ESTRONE – HUMAN, MOUSE & RAT (BECKMAN RIA)	YES	NO	YES
FREE FATTY ACIDS – HUMAN, MOUSE & RAT (WAKO)	YES	NO	NO
* FREE T4 – HUMAN (IMMULITE 2000)	YES	YES	NO
* FSH – HUMAN (IMMULITE 2000)	YES	NO	NO
FSH - MOUSE & RAT (IN HOUSE PROTOCOL RIA)	YES	YES	Not tested during characterization
GLUCOSE – HUMAN, MOUSE & RAT (ANALOX)	YES	YES	YES
* GROWTH HORMONE – HUMAN (IMMULITE 2000)	YES	NO	NO

* HCG – HUMAN CHORIONIC GONADOTROPIN (IMMULITE 2000)	YES	NO	NO
* IGF-1 – HUMAN (IMMULITE 2000)	YES	YES	NO
* IGF-BP3 – HUMAN (IMMULITE 2000)	YES	YES	NO
INHIBIN-A – HUMAN (ANSH ELISA)	YES	NO	NO
INHIBIN-A –MOUSE & RAT (ANSH ELISA)	YES	NO	NO
INHIBIN-B - HUMAN (ANSH ELISA)	YES	YES – Lithium Heparin	NO
INHIBIN-B - MOUSE & RAT (ANSH ELISA)	YES	NO	NO
* INSULIN – HUMAN (IMMULITE 2000)	YES	YES	NO
INSULIN – MOUSE & RAT (EMD MILLIPORE ELISA)	YES	YES	YES
KISSPEPTIN – HUMAN (PENNISULA LABORATORIES ELISA)	YES	NO	NO
* LH – HUMAN (IMMULITE 2000)	YES	NO	NO
LH - MOUSE & RAT (IN HOUSE PROTOCOL RIA)	YES	YES	Not tested during characterization
LH/FSH MOUSE & RAT MULTIPLEX TESTING (EMD MILLIPORE)	YES	NO	YES
* PROGESTERONE – HUMAN (IMMULITE 2000)	YES	NO	NO
PROGESTERONE – MOUSE & RAT (IBL ELISA)	YES	YES	YES
* PROLACTIN – HUMAN (IMMULITE 2000)	YES	NO	NO
* SHBG – HUMAN (IMMULITE 2000)	YES	NO	NO
*TESTOSTERONE – HUMAN (IMMULITE 2000)	YES	YES	NO
TESTOSTERONE – MOUSE & RAT / CELL CULTURE MEDIA / TISSUE HOMOGENATE (IBL ELISA)	YES	YES	YES
* TSH – HUMAN (IMMULITE 2000)	YES	NO	NO

ADIPONECTIN – HUMAN (EMD MILLIPORE ELISA)	YES	YES	YES
IL 8 – HUMAN (R&D SYSTEMS, INC.ELISA)	YES	YES	YES
LEPTIN – HUMAN (EMD MILLIPORE CORP. ELISA)	YES	YES	YES
S-ICAM – HUMAN (R&D SYSTEMS, INC. ELISA)	YES	YES	YES
S-VCAM - HUMAN (R&D SYSTEMS, INC. ELISA)	YES	YES	YES
TNF-ALPHA – HUMAN (R&D SYSTEMS, INC. ELISA)	YES	YES	YES
VEGF – HUMAN (R&D SYSTEMS, INC. ELISA)	YES	YES	YES