

Estradiol

Method:	Access Chemiluminescent Immunoassay
Kit Manufacturer:	Beckman Coulter, Fullerton, CA
Description:	The Access Estradiol assay is a paramagnetic particle, chemiluminescent immunoassay for the quantitative determination of estradiol levels in human serum and plasma using the Access Immunoassay Systems.

Collection and Performance Characteristics

Tube type:	Preferred: SST Alternate: EDTA or Heparin
Minimum Volume:	0.5 mL
Lowest Reportable Value:	20 pg/mL
Dynamic range:	20-4800 pg/mL
Precision:	Intra-assay variation is 2.0-4.2% Inter-assay variation is 3.1-5.6%
Reference Range:	<u>Females</u> Follicular Phase: 27-122 pg/mL Luteal Phase: 49-291 pg/mL Peri-ovulatory phase : 95-433 pg/mL Post-Menopausal: <20 pg/mL <u>Males</u> 20-47 pg/mL