

Brigham Research Assay Core (BRAC)
221 Longwood Avenue
Boston, MA 02115
Director: Gordon Williams, MD

Cortisol, Blood

Method:	Access Chemiluminescent Immunoassay
Kit Manufacturer:	Beckman Coulter, Fullerton, CA
Description:	The Access Cortisol assay is a paramagnetic-particle, chemiluminescence immunoassay for the quantitative determination of cortisol in human serum or plasma (EDTA), using the Access Immunoassay System.

Collection and Performance Characteristics

Tube type:	Preferred: SST Alternate: EDTA or Heparin
Minimum Volume:	0.5 mL
Lowest Reportable Value:	0.4 ug/dL
Dynamic range:	0.4-60.0 ug/dL
Precision:	Intra-assay variation is 4.4-6.7% Inter assay variation is 6.4- 7.9%
Reference Range:	AM: 6.7 – 22.6 ug/dL PM: <10 ug/dL