

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

Insulin

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

Collection and Performance Characteristics

Tube type:	Preferred: SST Alternate: EDTA
Minimum Volume:	0.5 mL
Lowest Reportable Value:	0.03 uIU/mL
Dynamic Range:	0.03–300 uIU/mL
Precision:	Intra-assay variation is 2.0-4.2% Inter-assay variation is 3.1-5.6%
Reference Range:	Fasting: 1.9 – 23 uIU/ mL