

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

Growth Hormone (GH)

Method:	Access Chemluminescent Immunoassay
Kit Manufacturer:	Beckman Coulter, Fullerton, CA
Description:	We use the Beckman Access Ultrasensitive human growth hormone (hGH) assay. It is a paramagnetic particle, chemiluminescent immunoassay. The Access Ultrasensitive hGH assay is a simultaneous one-step immunoenzymatic ("sandwich") assay.

Collection and Performance Characteristics

Tube type:	Preferred: SST Alternate: Heparin
Minimum Volume:	0.5 mL
Lowest Reportable Value:	0.01 ng/mL
Dynamic Range:	0.01-35 ng/mL
Precision:	The intra-assay variation is 1.48-11.26% The inter-assay variation is 1.96-14.4%.
Reference Range:	Males 0.003-0.971 ng/mL Females 0.010-3.607 ng/mL