

Rat GH (Growth Hormone) CLIA Kit | GH clia kit

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CATALOG #
AAA171132

REACTIVITY
Rat

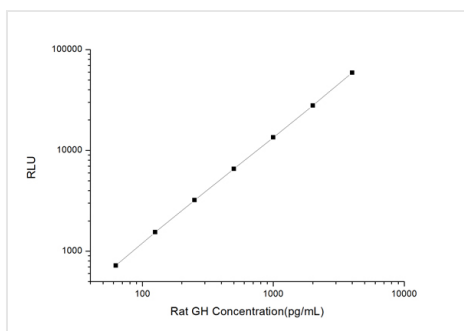
PRODUCT SYNONYMS

GH (Growth Hormone); Rat GH (Growth Hormone) CLIA Kit; GH1; GH-N; GHN; hGH-N; Somatotropin; GH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant GH. No significant cross-reactivity or interference between GH and analogues was observed.
Sequence Length	204
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GH concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to GH. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GH, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of GH. You can calculate the concentration of GH in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	213890
Molecular Weight	23,110 Da
NCBI Official Full Name	growth hormone
UniProt Protein Name	Somatotropin
UniProt Gene Name	gh
UniProt Entry Name	SOMA_ORENI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rat-clia-kits/gh-growth-hormone/171132>