

Rat GH2 ELISA Kit | GH 2 elisa kit

Rat GH2 (Growth Hormone 2) ELISA Kit

CATALOG #
AAA164819

REACTIVITY
Rat

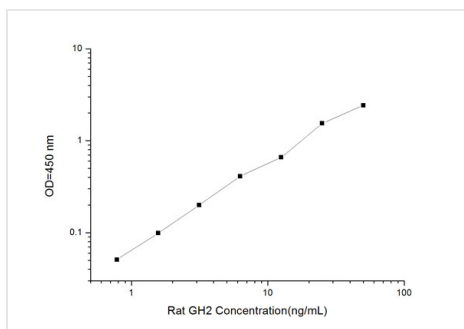
PRODUCT SYNONYMS

GH2; Rat GH2 (Growth Hormone 2) ELISA Kit; GH 2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat GH 2. No significant cross-reactivity or interference between Rat GH 2 and analogues was observed.
Sequence Length	245
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GH 2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat GH 2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to GH 2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GH 2 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 2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of GH 2. You can calculate the concentration of GH 2 in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027826
NCBI GeneID	2689
NCBI Accession #	NP_072052.1
NCBI GenBank Nucleotide #	NM_022558.3
UniProt Accession #	P01242; O14643; O14644; P09587; B1A4H5; B1A4H7
Molecular Weight	27,101 Da
NCBI Official Full Name	growth hormone variant isoform 3
NCBI Official Synonym Full Names	growth hormone 2
NCBI Official Symbol	GH2
NCBI Official Synonym Symbols	GHL; GHV; GH-V; hGH-V
NCBI Protein Information	growth hormone variant; placenta-specific growth hormone; placental-specific growth hormone
UniProt Protein Name	Growth hormone variant
UniProt Gene Name	GH2
UniProt Synonym Gene Names	GH-V
UniProt Entry Name	SOM2_HUMAN

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.