

Mouse GHR (Growth Hormone Receptor) ELISA Kit | GHR elisa kit

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CATALOG #
AAA178032

REACTIVITY
Mouse

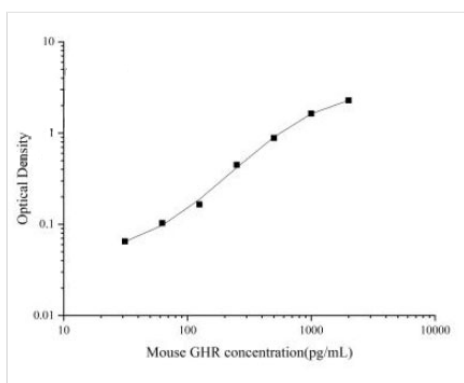
PRODUCT SYNONYMS

GHR (Growth Hormone Receptor); Mouse GHR (Growth Hormone Receptor) ELISA Kit; GH receptor; GH-binding protein; GHBP; Serum binding protein; GHR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse GHR in samples. No significant cross-reactivity or interference between Mouse GHR and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000 pg/mL
Sensitivity	18.75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse GHR were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse GHR were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHR elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GHR. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse GHR and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GHR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse GHR. You can calculate the concentration of Mouse GHR in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GHR concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121178
NCBI GeneID	14600
UniProt Accession #	P16882; P16590; Q61653; Q6DI66; Q80W86; Q8R1M5; Q920Z3; Q9R264
Molecular Weight	34,105 Da
NCBI Official Full Name	Growth hormone receptor
NCBI Official Synonym Full Names	growth hormone receptor
NCBI Official Symbol	Ghr
NCBI Official Synonym Symbols	GHBP; GHR/BP
NCBI Protein Information	growth hormone receptor; GH receptor; somatotropin receptor; growth hormone receptor/binding protein; Growth hormone receptor precursor (GH receptor) (GH binding protein) (GHBP) (Serum binding protein)
UniProt Protein Name	Growth hormone receptor
UniProt Gene Name	Ghr
UniProt Synonym Gene Names	GH receptor; GH-binding protein; GHBP
UniProt Entry Name	GHR_MOUSE

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://stage.aaabiotech.com/mouse-elisa-kits/ghr-growth-hormone-receptor/178032>