

Mouse Growth Hormone Binding Protein ELISA Kit | GHBP elisa kit

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CATALOG #
AAA84089

REACTIVITY
Mouse

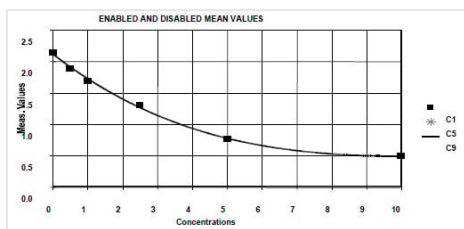
PRODUCT SYNONYMS

Growth Hormone Binding Protein; Mouse Growth Hormone Binding Protein ELISA Kit; GHBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHBP elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate serum or blood plasma

Intended Uses: This GC ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of GC in the sample, this GC ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus GC concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of GC utilizes a polyclonal anti-GC antibody and an GC-HRP conjugate. The assay sample and buffer are incubated together with GC-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GC concentration since GC from samples and GC-HRP conjugate compete for the anti-GC antibody binding site. Since the number of sites is limited, as more sites are occupied by GC from the sample, fewer sites are left to bind GC-HRP conjugate. Standards of known GC concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (O.D.) to the concentration of GC. The GC concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806879
NCBI GeneID	280802
NCBI Accession #	NP_776341.1
NCBI GenBank Nucleotide #	NM_173916.3
Molecular Weight	20,944 Da
NCBI Official Full Name	glucagon
NCBI Official Synonym Full Names	glucagon<
NCBI Official Symbol	GCG
NCBI Protein Information	glucagon
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_BOVIN

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/ghbp-mouse-elisa-kits/growth-hormone-binding-protein/84089>