

Chicken Growth Hormone Binding Protein ELISA Kit | GHBP elisa kit

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CATALOG #
AAA94006

REACTIVITY
Chicken

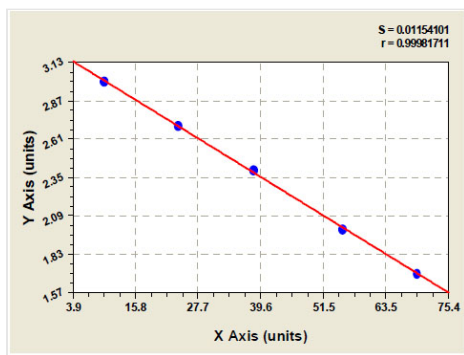
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This GHBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GHBP. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHBP elisa kit

Principle of the Assay: GHBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GHBP antibody and an GHBP-HRP conjugate. The assay sample and buffer are incubated together with GHBP-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 GHBP concentration since GHBP from samples and GHBP-HRP conjugate compete for the anti-GHBP antibody binding site. Since the number of sites is limited, as more sites are occupied by GHBP from the sample, fewer sites are left to bind GHBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GHBP 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-chicken-elisa-kits/growth-hormone-binding-protein/94006>