

Chicken Inhibin Binding Protein ELISA Kit | INHBP elisa kit

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CATALOG #
AAA90123

REACTIVITY
Chicken

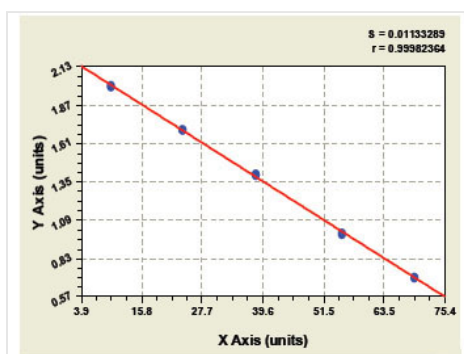
PRODUCT SYNONYMS

Inhibin Binding Protein; Chicken Inhibin Binding Protein ELISA Kit; INHBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INHBP elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This INHBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken INHBP. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY INHBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-INHBP antibody and an INHBP-HRP conjugate. The assay sample and buffer are incubated together with INHBP-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 INHBP concentration since INHBP from samples and INHBP-HRP conjugate compete for the anti-INHBP antibody binding site. Since the number of sites is limited, as more sites are occupied by INHBP from the sample, fewer sites are left to bind INHBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INHBP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	283436135
NCBI GeneID	3547
NCBI Accession #	NP_001164434.1
NCBI GenBank Nucleotide #	NM_001170963.1
UniProt Accession #	Q8N6C5; O15070; Q9NTC8; B5MEG2; H9KV64
Molecular Weight	148,936 Da
NCBI Official Full Name	immunoglobulin superfamily member 1 isoform 2
NCBI Official Synonym Full Names	immunoglobulin superfamily, member 1
NCBI Official Symbol	IGSF1
NCBI Official Synonym Symbols	CHTE; p120; IGCD1; IGDC1; INHBP; PGSF2
NCBI Protein Information	immunoglobulin superfamily member 1; inhibin-binding protein; pituitary gland-specific factor 2; immunoglobulin-like domain-containing protein 1
UniProt Protein Name	Immunoglobulin superfamily member 1
UniProt Gene Name	IGSF1
UniProt Synonym Gene Names	IGDC1; KIAA0364; PGSF2; IgSF1; InhBP
UniProt Entry Name	IGSF1_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.