

Chicken Glucoprotein 130 ELISA Kit | gp130 elisa kit

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CATALOG #
AAA88179

REACTIVITY
Chicken

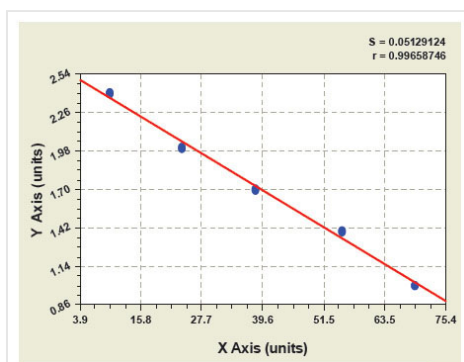
PRODUCT SYNONYMS

Glucoprotein 130; Chicken Glucoprotein 130 ELISA Kit; gp130 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.
Intended Uses	This gp130 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken gp130. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gp130 elisa kit

Principle of the assay: gp130 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-gp130 antibody and an gp130-HRP conjugate. The assay sample and buffer are incubated together with gp130-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 gp130 concentration since gp130 from samples and gp130-HRP conjugate compete for the anti-gp130 antibody binding site. Since the number of sites is limited, as more sites are occupied by gp130 from the sample, fewer sites are left to bind gp130-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The gp130 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for gp130 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1246098
NCBI GeneID	3572
UniProt Accession #	Q13514; O15281; P40189; Q17RA0; Q5FC02; Q5FC03; Q5FC05; Q5FC06; Q5FC07
Molecular Weight	5,511 Da
NCBI Official Full Name	gp130
NCBI Official Synonym Full Names	interleukin 6 signal transducer (gp130, oncostatin M receptor)
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form
UniProt Protein Name	Gp130
UniProt Gene Name	gp130
UniProt Entry Name	Q13514_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.

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Online datasheet: <https://stage.aaabiotech.com/gp130-chicken-elisa-kits/glucoprotein-130/88179>