

Mouse Anti-glucoprotein 210 GP210 ELISA Kit | Gp210 elisa kit

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CATALOG #
AAA85994

REACTIVITY
Mouse

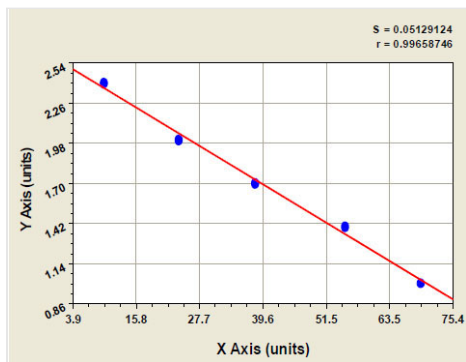
PRODUCT SYNONYMS

Anti-glucoprotein 210 GP210; Mouse Anti-glucoprotein 210 GP210 ELISA Kit; Gp210 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Gp210 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Gp210. 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 Gp210 elisa kit

Principle of the assay: Gp210 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Gp210 antibody and an Gp210-HRP conjugate. The assay sample and buffer are incubated together with Gp210-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 the color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Gp210 concentration since Gp210 from samples and Gp210-HRP conjugate compete for the anti-Gp210 antibody binding site. Since the number of sites is limited, as more sites are occupied by Gp210 from the sample, fewer sites are left to bind Gp210-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Gp210 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24585893
NCBI GeneID	35512
NCBI Accession #	NP_610184.2
NCBI GenBank Nucleotide #	NM_136340.3
NCBI Official Full Name	Gp210 ortholog, isoform A
NCBI Official Synonym Full Names	Gp210 ortholog (H. sapiens)
NCBI Official Symbol	Gp210
NCBI Official Synonym Symbols	CG14467; CG7897; Dm gp210; DmelCG7897; gp188; Gp188; gp210; GP210; gp210[[D]]; lyadi
NCBI Protein Information	CG7897 gene product from transcript CG7897-RB; CG7897-PA; CG7897-PB; Gp188; Gp210 ortholog; Gp210-PA; Gp210-PB

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/anti-glucoprotein-210-gp210/85994>