

Sheep Anti-glycoprotein antibody ELISA Kit | GP elisa kit

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CATALOG #
AAA95757

REACTIVITY
Sheep

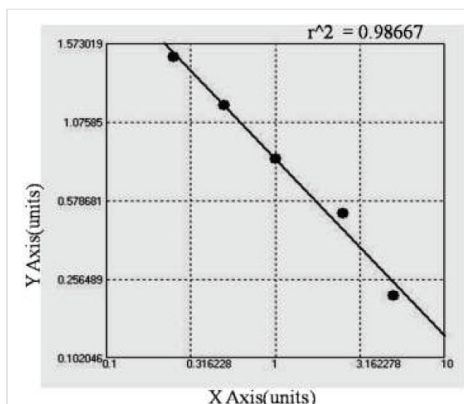
PRODUCT SYNONYMS

Anti-glycoprotein antibody; Sheep Anti-glycoprotein antibody ELISA Kit; GP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This GP-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GP-Ab. 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 GP elisa kit	Principle of the Assay: GP-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing glycoprotein antigen and an GP-Ab-HRP conjugate. The assay sample and buffer are incubated together with GP-Ab-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 GP-Ab concentration since GP-Ab from samples and GP-Ab-HRP conjugate compete for the glycoprotein antigen binding site. Since the number of sites is limited, as more sites are occupied by GP-Ab from the sample, fewer sites are left to bind GP-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GP-Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GP elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	348912
Molecular Weight	42,625 Da
NCBI Official Full Name	glycoprotein
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	CHI3L1
UniProt Synonym Gene Names	CGP-39; GP-39; hCGP-39
UniProt Entry Name	CH3L1_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/gp-sheep-elisa-kits/anti-glycoprotein-antibody/95757>