

Canine Anti-Glycoprotein 210 Antibody ELISA Kit | AGPA elisa kit

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CATALOG #
AAA96741

REACTIVITY
Canine

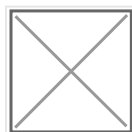
PRODUCT SYNONYMS

Anti-Glycoprotein 210 Antibody; Canine Anti-Glycoprotein 210 Antibody ELISA Kit; AGPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGPA elisa kit

Principle of the assay: GP210Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing GP210 antigen and an GP210Ab-HRP conjugate. The assay sample and buffer are incubated together with GP210Ab-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 GP210Ab concentration since GP210Ab from samples and GP210Ab-HRP conjugate compete for the GP210 antigen binding site. Since the number of sites is limited, as more sites are occupied by GP210Ab from the sample, fewer sites are left to bind GP210Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GP210Ab concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AGPA elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477134
NCBI GeneID	23225
NCBI Accession #	NP_079199.2

NCBI GenBank Nucleotide #	NM_024923.3
Molecular Weight	105,810 Da
NCBI Official Full Name	nuclear pore membrane glycoprotein 210
NCBI Official Synonym Full Names	nucleoporin 210kDa
NCBI Official Symbol	NUP210
NCBI Official Synonym Symbols	GP210; POM210
NCBI Protein Information	nuclear pore membrane glycoprotein 210; nucleoporin Nup210; nuclear pore protein gp210; pore membrane protein of 210 kDa; nuclear envelope pore membrane protein POM 210
UniProt Protein Name	Nuclear pore membrane glycoprotein 210
UniProt Gene Name	NUP210
UniProt Synonym Gene Names	KIAA0906; PSEC0245; Nuclear pore protein gp210; POM210
UniProt Entry Name	PO210_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/agpa-canine-elisa-kits/anti-glycoprotein-210-antibody/96741>