

Monkey Anti-Glycolipid AutoAntibody ELISA Kit | AGA elisa kit

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CATALOG #
AAA93984

REACTIVITY
Monkey

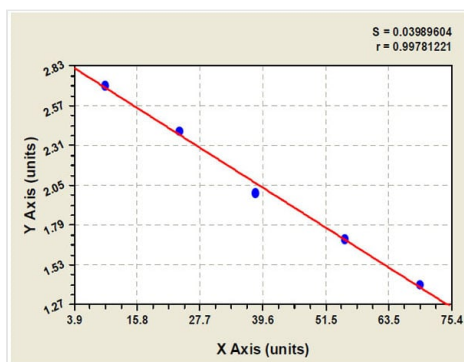
PRODUCT SYNONYMS

Anti-Glycolipid AutoAntibody; Monkey Anti-Glycolipid AutoAntibody ELISA Kit; AGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/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 AGA elisa kit

Intended Uses: This AGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AGA. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456391
NCBI GeneID	175
UniProt Accession #	P20933; Q4W5Q2; Q6FHN6; Q9UCK6; Q9UCK7; Q9UCK8; B2R7H2; D3DP47
Molecular Weight	37,208 Da
NCBI Official Full Name	AGA, partial
NCBI Official Synonym Full Names	aspartylglucosaminidase
NCBI Official Symbol	AGA
NCBI Official Synonym Symbols	GA; AGU; ASRG
NCBI Protein Information	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; glycosylasparaginase; aspartylglucosylamine deaspartylase; N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase
UniProt Protein Name	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase
UniProt Gene Name	AGA
UniProt Entry Name	ASPG_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/aga-monkey-elisa-kits/anti-glycolipid-autoantibody/93984>