

Monkey Glycophorin A ELISA Kit | GYPA elisa kit

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CATALOG #
AAA246573

REACTIVITY
Monkey

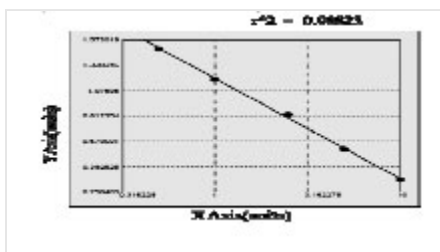
PRODUCT SYNONYMS

Glycophorin A; Monkey Glycophorin A ELISA Kit; GYPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GYPA elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	298286506
NCBI GeneID	2993

NCBI Accession #	NP_002090.4
NCBI GenBank Nucleotide #	NM_002099.6
Molecular Weight	13,000 Da
NCBI Official Full Name	glycophorin-A
NCBI Official Synonym Full Names	glycophorin A (MNS blood group)
NCBI Official Symbol	GYPA
NCBI Official Synonym Symbols	MN; GPA; MNS; GPSAT; PAS-2; CD235a; GP _E rik; HGpMiV; HGpMiX _I ; HGpSta(C)
NCBI Protein Information	glycophorin-A; glycophorin Mil; glycophorin MiV; glycophorin SAT; glycophorin Erik; glycophorin A, GPA; MN sialoglycoprotein; glycophorin Sta type C; sialoglycoprotein alpha; Mi.V glycoprotein (24 AA); glycophorin A (MN blood group); recombinant glycophorin A-B Miltenberger-DR; erythroid-lineage-specific membrane sialoglycoprotein
UniProt Protein Name	Glycophorin-A
UniProt Gene Name	GYPA
UniProt Synonym Gene Names	GPA
UniProt Entry Name	GLPA_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://www.aaabiotech.com/gypa-monkey-elisa-kits/glycophorin-a/246573>