

Human Glycophorin E ELISA Kit | GYPE elisa kit

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CATALOG #
AAA83411

REACTIVITY
Human

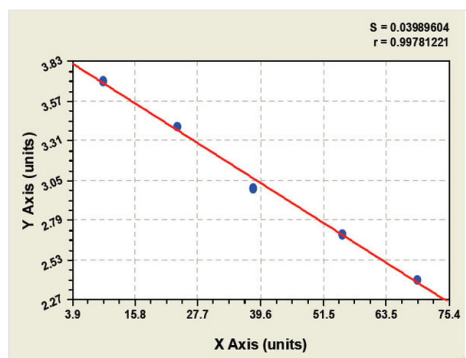
PRODUCT SYNONYMS

Glycophorin E; Human Glycophorin E ELISA Kit; GYPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 GYPE elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	149408157
NCBI GeneID	2996
NCBI Accession #	NP_002093.2
NCBI GenBank Nucleotide #	NM_002102.3
Molecular Weight	8,463 Da
NCBI Official Full Name	glycophorin-E
NCBI Official Synonym Full Names	glycophorin E (MNS blood group)
NCBI Official Symbol	GYPE
NCBI Official Synonym Symbols	GPE; MNS; MiIX
NCBI Protein Information	glycophorin-E
UniProt Protein Name	Glycophorin-E
UniProt Gene Name	GYPE
UniProt Synonym Gene Names	GPE
UniProt Entry Name	GLPE_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/gype-human-elisa-kits/glycophorin-e/83411>