

Mouse Phosphoglycee kinase 1 (PGK1) ELISA Kit | PGK1 elisa kit

Mouse Phosphoglycee kinase 1 (PGK1) ELISA Kit

CATALOG #
AAA247026

REACTIVITY
Mouse

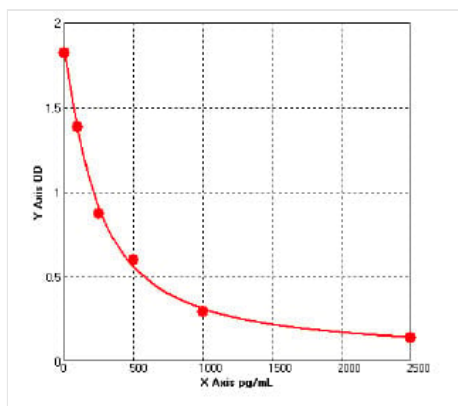
PRODUCT SYNONYMS

Phosphoglycee kinase 1 (PGK1); Mouse Phosphoglycee kinase 1 (PGK1) ELISA Kit; PGK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PGK1. No significant cross-reactivity or interference between PGK1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PGK1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGK1 elisa kit	Principle of the Assay: PGK1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PGK1 antibody and an PGK1-HRP conjugate. The assay sample and buffer are incubated together with PGK1-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 PGK1 concentration since PGK1 from samples and PGK1-HRP conjugate compete for the anti-PGK1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PGK1 from the sample, fewer sites are left to bind PGK1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PGK1 concentration in each sample is interpolated from this standard curve. Intended Uses: This PGK1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PGK1. This ELISA kit for research use only, not for therapeutic or test applications!
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	15230595
NCBI GeneID	820461
NCBI Accession #	NP_187884.1
NCBI GenBank Nucleotide #	NM_112114.3
Molecular Weight	50,112 Da
NCBI Official Full Name	phosphoglycerate kinase 1
NCBI Official Symbol	PGK1
NCBI Official Synonym Symbols	phosphoglycerate kinase 1
NCBI Protein Information	phosphoglycerate kinase 1
UniProt Protein Name	Phosphoglycerate kinase 1, chloroplastic
UniProt Gene Name	PGK1
UniProt Synonym Gene Names	At3g12780; MBK21.15
UniProt Entry Name	PGKH1_ARATH

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/phosphoglycee-kinase-1-pgk1/247026>