

Human phosphoglycerate kinase 1 ELISA Kit | PGK1 elisa kit

Human phosphoglycerate kinase 1, PGK1 ELISA Kit

CATALOG #
AAA112980

REACTIVITY
Human

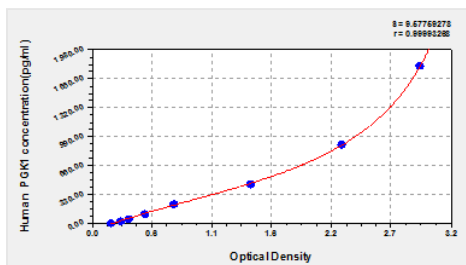
PRODUCT SYNONYMS

phosphoglycerate kinase 1; Human phosphoglycerate kinase 1; PGK1 ELISA Kit; Human phosphoglycerate kinase 1 (PGK1) ELISA kit; RP4-570L12.1; MGC117307; MGC142128; MGC8947; MIG10; PGKA; cell migration-inducing gene 10 protein; primer recognition protein 2; PGK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PGK1. No significant cross-reactivity or interference between human PGK1 and analogues was observed.
Sequence Length	417
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	28 pg/ml-1800 pg/ml
Sensitivity	< 7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGK1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PGK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGK1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGK1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PGK1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505763
NCBI GeneID	5230
NCBI Accession #	NP_000282.1
NCBI GenBank Nucleotide #	NM_000291.3
UniProt Accession #	P00558; Q5J7W1; Q6IBT6; Q8NI87; A8K4W6
Molecular Weight	44,615 Da
NCBI Official Full Name	phosphoglycerate kinase 1
NCBI Official Synonym Full Names	phosphoglycerate kinase 1
NCBI Official Symbol	PGK1
NCBI Official Synonym Symbols	PGKA; MIG10; HEL-S-68p
NCBI Protein Information	phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; epididymis secretory sperm binding protein Li 68p
UniProt Protein Name	Phosphoglycerate kinase 1
UniProt Gene Name	PGK1
UniProt Synonym Gene Names	PGKA; MIG10; OK/SW-cl.110; PRP 2
UniProt Entry Name	PGK1_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/pgk1-human-elisa-kits/phosphoglycerate-kinase-1/112980>