

Human Phosphoglycerate kinase 2 ELISA Kit | PGK2 elisa kit

Human Phosphoglycerate kinase 2 (PGK2) ELISA Kit

CATALOG #
AAA55749

REACTIVITY
Human

PRODUCT SYNONYMS

Phosphoglycerate kinase 2; Human Phosphoglycerate kinase 2 (PGK2) ELISA Kit; PGK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human POSTN. No significant cross-reactivity or interference between Human POSTN and analogues was observed.
Sequence Length	417
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 ng/mL-2000 ng/mL
Sensitivity	15.6 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PGK2 elisa kit

Intended Uses: For the quantitative detection of Human Periostin (POSTN) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate POSTN in Human serum, plasma. An antibody specific for POSTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any POSTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for POSTN is added to the wells. After washing, Streptavidin 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 POSTN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543397
NCBI GeneID	5232
NCBI Accession #	NP_620061.2
NCBI GenBank Nucleotide #	NM_138733.4
UniProt Accession #	P07205; Q9H107; B2R6Y8

Molecular Weight	44,796 Da
NCBI Official Full Name	phosphoglycerate kinase 2
NCBI Official Synonym Full Names	phosphoglycerate kinase 2
NCBI Official Symbol	PGK2
NCBI Official Synonym Symbols	PGKB; PGKPS; HEL-S-272; dJ417L20.2
NCBI Protein Information	phosphoglycerate kinase 2
UniProt Protein Name	Phosphoglycerate kinase 2
UniProt Gene Name	PGK2
UniProt Synonym Gene Names	PGKB

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/pgk2-human-elisa-kits/phosphoglycerate-kinase-2/55749>