

Mouse Phosphoenolpyruvate carboxykinase, cytosolic [GTP] ELISA Kit | Pck1 elisa kit

Mouse Phosphoenolpyruvate carboxykinase, cytosolic [GTP] ELISA Kit

CATALOG #
AAA100009

REACTIVITY
Mouse

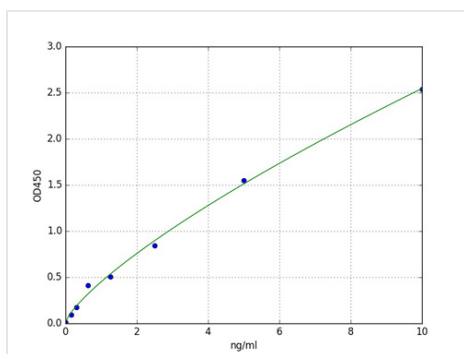
PRODUCT SYNONYMS

Phosphoenolpyruvate carboxykinase; cytosolic [GTP]; Mouse Phosphoenolpyruvate carboxykinase; cytosolic [GTP] ELISA Kit; Pck1/Pepck/Phosphoenolpyruvate carboxykinase; cytosolic [GTP]/PEPCK-C/Phosphoenolpyruvate carboxylase; Pck1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	622
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse Pck1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.065	0.114	0.163	0.258	0.462	0.921	1.371	2.176

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pck1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Pck1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Pck1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Pck1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Pck1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187281517
NCBI GeneID	5105
NCBI Accession #	NP_002582.3
NCBI GenBank Nucleotide #	NM_002591.3
Molecular Weight	34,156 Da
NCBI Official Full Name	phosphoenolpyruvate carboxykinase, cytosolic
NCBI Official Synonym Full Names	phosphoenolpyruvate carboxykinase 1
NCBI Official Symbol	PCK1
NCBI Official Synonym Symbols	PEPCK1; PEPCKC; PEPCK-C
NCBI Protein Information	phosphoenolpyruvate carboxykinase, cytosolic [GTP]
UniProt Protein Name	Phosphoenolpyruvate carboxykinase, cytosolic [GTP]
UniProt Gene Name	PCK1
UniProt Synonym Gene Names	PEPCK-C
UniProt Entry Name	PCKGC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pck1-mouse-elisa-kits/phosphoenolpyruvate-carboxykinase-cytosolic-gtp/100009>