

Rat Pyruvate Kinase, Muscle (PKM2) RTU ELISA Kit | PKM2 rtu elisa kit

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CATALOG #
AAA217841

REACTIVITY
Rat

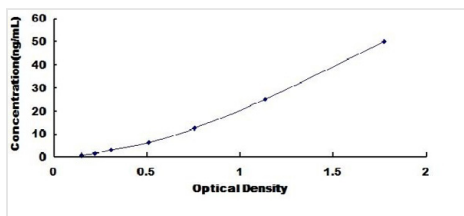
PRODUCT SYNONYMS

Pyruvate Kinase; Muscle (PKM2); Rat Pyruvate Kinase; Muscle (PKM2) ELISA Kit; M2PK; PKM; M2-PK; PKM1; CTHBP; OIP3; PK3; TCB; THBP1; Pyruvate kinase muscle isozyme; Thyroid hormone-binding protein 1; Cytosolic thyroid hormone-binding protein; PKM2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	531
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.35ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKM2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PKM2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PKM2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PKM2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PKM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16757994
NCBI GeneID	25630
NCBI Accession #	NP_445749.1
NCBI GenBank Nucleotide #	NM_053297.2
UniProt Accession #	P11980; P11981
Molecular Weight	57,781 Da
NCBI Official Full Name	pyruvate kinase PKM
NCBI Official Synonym Full Names	pyruvate kinase M1/2
NCBI Official Symbol	Pkm
NCBI Official Synonym Symbols	PK; Pk3; Pkm2; PKM12
NCBI Protein Information	pyruvate kinase PKM
UniProt Protein Name	Pyruvate kinase PKM
UniProt Gene Name	Pkm
UniProt Synonym Gene Names	Pkm2; Pykm

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/rat-rtu-elisa-kits/pyruvate-kinase-muscle-pkm2/217841>