

Mouse IL2 Inducible T-Cell Kinase (ITK) RTU ELISA Kit | ITK rtu elisa kit

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CATALOG #
AAA216584

REACTIVITY
Mouse

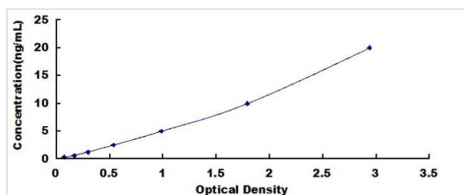
PRODUCT SYNONYMS

IL2 Inducible T-Cell Kinase (ITK); Mouse IL2 Inducible T-Cell Kinase (ITK) ELISA Kit; PSCTK2; EMT; LYK; T-cell-specific kinase; Tyrosine-protein kinase Lyk; ITK rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	625
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.107ng/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 ITK rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITK. 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 ITK, 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 ITK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	530354648
NCBI GeneID	16428
NCBI Accession #	NP_001268894.1
NCBI GenBank Nucleotide #	NM_001281965.1
UniProt Accession #	Q03526
Molecular Weight	72,292 Da
NCBI Official Full Name	tyrosine-protein kinase ITK/TSK isoform 1
NCBI Official Synonym Full Names	IL2 inducible T cell kinase
NCBI Official Symbol	Itk
NCBI Official Synonym Symbols	Emt; Tsk; Tcsk
NCBI Protein Information	tyrosine-protein kinase ITK/TSK
UniProt Protein Name	Tyrosine-protein kinase ITK/TSK
UniProt Gene Name	Itk
UniProt Synonym Gene Names	Emt; Tlk; Tsk

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/mouse-rtu-elisa-kits/il2-inducible-t-cell-kinase-itk/216584>