

Mouse DTK/TYRO3 ELISA Kit | TYRO3 elisa kit

Mouse DTK/TYRO3 PicoKine ELISA Kit

CATALOG #
AAA46774

REACTIVITY
Mouse

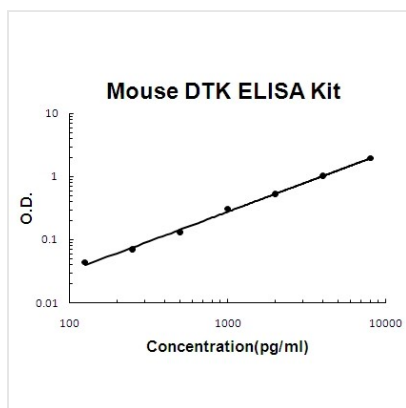
PRODUCT SYNONYMS

DTK/TYRO3; Mouse DTK/TYRO3 PicoKine ELISA Kit; Brt; BYK; DTK; RSE; SKY; Tif; tyro3; Q06418; Tyrosine-protein kinase receptor TYRO3; TYRO3 protein tyrosine kinase; TYRO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse DTK/TYRO3
Sequence Length	876
Samples	Cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA)
Assay Type	Quantitative Sandwich
Detection Range	125pg/ml-8000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

Mouse DTK/TYRO3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TYRO3 elisa kit	Principle of the Assay: The Mouse DTK/TYRO3 ELISA Kit was based on standard sandwich enzyme-linked immunosorbent assay technology. A monoclonal antibody from rat specific for DTK/TYRO3 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: A31-S418) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for DTK/TYRO3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 DTK/TYRO3 amount of sample captured in plate. Background: Tyrosine-protein kinase receptor TYRO3 is an enzyme that in humans is encoded by the TYRO3 gene. The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	595763335
NCBI GeneID	22174
NCBI Accession #	NP_001277729.1
NCBI GenBank Nucleotide #	NM_001290800.1
UniProt Accession #	P55144; O09070; O09080; P70285; Q60752; Q62482; Q62483; Q62484; Q6NZM6; Q78E85; Q78E87
Molecular Weight	96,042 Da
NCBI Official Full Name	tyrosine-protein kinase receptor TYRO3 isoform B
NCBI Official Synonym Full Names	TYRO3 protein tyrosine kinase 3
NCBI Official Symbol	Tyro3
NCBI Official Synonym Symbols	Brk; Dtk; Rse; Sky; Tif; Etk-2; TK19-2; tk19-1; AI323366; etk2/tyro3
NCBI Protein Information	tyrosine-protein kinase receptor TYRO3
UniProt Protein Name	Tyrosine-protein kinase receptor TYRO3
UniProt Gene Name	Tyro3
UniProt Synonym Gene Names	Dtk; Rse; Tif

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.