

Human MST1 ELISA Kit | STK4 elisa kit

Human MST1 ELISA Kit

CATALOG # AAA105768	REACTIVITY Human	APPLICATIONS ELISA
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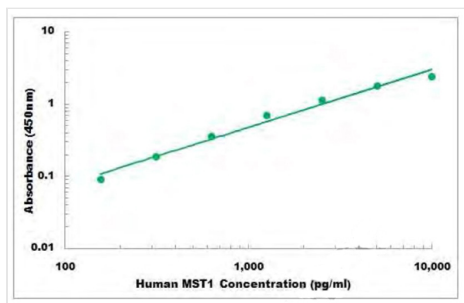
PRODUCT SYNONYMS

MST1; Human MST1 ELISA Kit; KRS2; Serine/threonine-protein kinase 4; Mammalian STE20-like protein kinase 1; MST-1; STE20-like kinase MST1; Serine/threonine-protein kinase Krs-2; STK4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human MST1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human MST1 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	487
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 10 pg/ml
Applicable Applications for STK4 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STK4 elisa kit	Background: Macrophage Stimulating 1 (SMT1), also known as Hepatocyte growth factor-like protein (HGFL) and MSP, is a protein that in humans is encoded by the MST1 gene. The HGFL gene was identified at the DNF15S2 locus on human chromosome 3 (3p21). The RON tyrosine kinase), the receptor for MSP, is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung. Furthermore, MSP stimulated ciliary motility in these cells by activating RON. Principle of the Assay: The Human MST1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human MST1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human MST1 coated on a 96-well plate. Standards and samples are pipetted into the wells and MST1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human MST1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of MST1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454096
NCBI GeneID	6789
NCBI Accession #	NP_006273.1
NCBI GenBank Nucleotide #	NM_006282.2
UniProt Accession #	Q13043; Q15802; Q4G156; Q5H982; Q6PD60; Q9BR32; Q9NTZ4; B2RCR8
Molecular Weight	52,335 Da
NCBI Official Full Name	serine/threonine-protein kinase 4
NCBI Official Synonym Full Names	serine/threonine kinase 4
NCBI Official Symbol	STK4
NCBI Official Synonym Symbols	KRS2; MST1; YSK3; TIIAC
NCBI Protein Information	serine/threonine-protein kinase 4; MST-1; STE20-like kinase MST1; mammalian sterile 20-like 1; kinase responsive to stress 2; mammalian STE20-like protein kinase 1; serine/threonine-protein kinase Krs-2; dJ211D12.2 (serine/threonine kinase 4 (MST1, KRS2))
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4
UniProt Synonym Gene Names	KRS2; MST1; MST-1; MST1/N; MST1/C
UniProt Entry Name	STK4_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.