

Human Mesothelin ELISA Kit | MSLN elisa kit

Human Mesothelin ELISA Kit

CATALOG # AAA261673	REACTIVITY Human	APPLICATIONS ELISA
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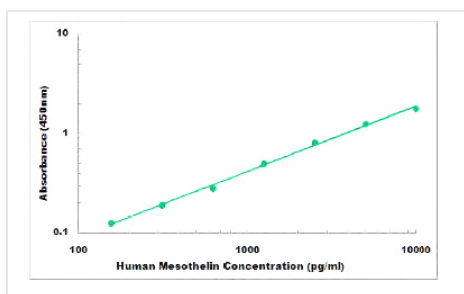
PRODUCT SYNONYMS

Mesothelin; Human Mesothelin ELISA Kit; MPF; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; MSLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Mesothelin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Mesothelin proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	630
Samples	Cell Culture Supernatants, Serum, Plasma, Urine.
Sensitivity	10 pg/ml.
Applicable Applications for MSLN 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 MSLN elisa kit	Principle of the Assay The Human Mesothelin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Mesothelin in Cell Culture Supernatants, Serum, Plasma, Urine. This assay employs an antibody specific for Human Mesothelin coated on a 96-well plate. Standards and samples are pipetted into the wells and Mesothelin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Mesothelin 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 Mesothelin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Mesothelin, also known as MSLN or MPF is a protein that in humans is encoded by the MSLN gene. This gene is mapped to 16p13.3. This gene encodes a precursor protein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiation factor functions as a cytokine that can stimulate colony formation in bone marrow megakaryocytes. Mesothelian is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116242654
NCBI GeneID	10232
UniProt Accession #	Q13421; Q14859; Q4VQD5; Q96GR6; Q96KJ5; Q9BR17; Q9BTR2; Q9UCB2; Q9UK57; D3DU65
Molecular Weight	67,940 Da
NCBI Official Full Name	Mesothelin
NCBI Official Synonym Full Names	mesothelin
NCBI Official Symbol	MSLN
NCBI Official Synonym Symbols	MPF; SMRP
NCBI Protein Information	mesothelin
UniProt Protein Name	Mesothelin
UniProt Gene Name	MSLN
UniProt Synonym Gene Names	MPF; MPF
UniProt Entry Name	MSLN_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.