

Monkey Mesothelin ELISA Kit | MSLN elisa kit

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CATALOG #
AAA247495

REACTIVITY
Monkey

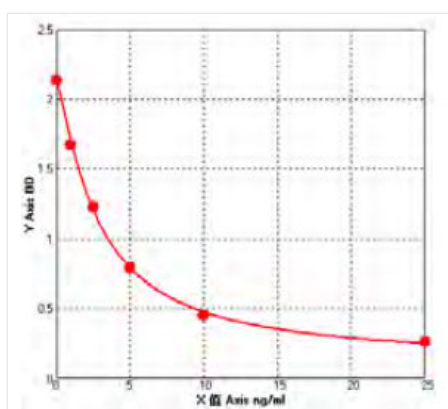
PRODUCT SYNONYMS

Mesothelin; Monkey Mesothelin ELISA Kit; MSLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of MSLN. No significant cross-reactivity or interference between MSLN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MSLN and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	630
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSLN elisa kit	Intended Uses: This MSLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MSLN. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: MSLN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MSLN antibody and an MSLN-HRP conjugate. The assay sample and buffer are incubated together with MSLN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MSLN concentration since MSLN from samples and MSLN-HRP conjugate compete for the anti-MSLN antibody binding site. Since the number of sites is limited, as more sites are occupied by MSLN from the sample, fewer sites are left to bind MSLN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MSLN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MSLN elisa kit	Cancer; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	53988380
NCBI GeneID	10232
NCBI Accession #	NP_037536.2
NCBI GenBank Nucleotide #	NM_013404.4
UniProt Accession #	Q13421; Q14859; Q4VQD5; Q96GR6; Q96KJ5; Q9BR17; Q9BTR2; Q9UCB2; Q9UK57; D3DU65
Molecular Weight	68,070 Da
NCBI Official Full Name	mesothelin isoform 2 preproprotein
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

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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