

## Human Mesothelin AccuSignal ELISA Kit - KOA0803

**Code:** KOA0803

**Size:** 1 Kit

**Product Description:** Human Mesothelin AccuSignal ELISA Kit - KOA0803

**PhysicalState:**

<b>Label</b>	Unconjugated
<b>Gene Name</b>	MSLN
<b>Species Reactivity</b>	Human
<b>Storage Condition</b>	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
<b>Synonyms</b>	CAK 1, CAK1, CAK1 antigen, cleaved form, Megakaryocyte potentiating factor, Mesothelin, Mesothelin isoform 1 precursor, MPF, MSLN, MSLN_HUMAN, Pre pro megakaryocyte potentiating factor, Pre-pro-megakaryocyte-potentiating factor, SMR, SMRP, Soluble MPF mesothelin related protein
<b>Application Note</b>	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml human Mesothelin standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA), saliva or urine to each empty well. It is recommended that each human Mesothelin standard solution and each sample be measured in duplicate.
<b>Background</b>	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. Mesothelin 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.
<b>Purity And Specificity</b>	Natural and recombinant human Mesothelin. There is no detectable cross-reactivity with other relevant proteins.
<b>ELISA</b>	156pg/ml-10,000pg/ml
<b>Expiration</b>	See kit insert for complete instructions.
<b>Immunogen</b>	Expression system for standard: NSO; Immunogen sequence: E296-G580
<b>Anti-Coagulant</b>	Heparin Sodium

**Related Products**

200-301-A87	Anti-Mesothelin (MOUSE) Monoclonal Antibody - 200-301-A87
MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013

**Related Links**

UniProtKB - Q13421

<http://www.uniprot.org/uniprot/Q13421>

 NCBI - [http://www.ncbi.nlm.nih.gov/protein/NP\\_001170826.1](http://www.ncbi.nlm.nih.gov/protein/NP_001170826.1)

GeneID - 10232

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=10232>

## **Disclaimer**

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