

Human ISM1 (Isthmin 1) ELISA Kit | ISM1 elisa kit

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CATALOG #
AAA250213

REACTIVITY
Human

PRODUCT SYNONYMS

ISM1 (Isthmin 1); Human ISM1 (Isthmin 1) ELISA Kit; ISM1; Isthmin 1; C20orf82; ISM; ISM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ISM1. No significant cross-reactivity or interference between ISM1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for ISM1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17389974
NCBI GeneID	140862
UniProt Accession #	B1AKI9; Q8WVH9
Molecular Weight	52,107 Da
NCBI Official Full Name	ISM1 protein
NCBI Official Synonym Full Names	isthmin 1, angiogenesis inhibitor
NCBI Official Symbol	ISM1
NCBI Official Synonym Symbols	ISM; Isthmin; C20orf82; bA149l18.1; dJ1077l2.1

NCBI Protein Information	isthmin-1; isthmin 1 homolog
UniProt Protein Name	Isthmin-1
UniProt Gene Name	ISM1
UniProt Synonym Gene Names	C20orf82; ISM
UniProt Entry Name	ISM1_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/ism1-isthmin-1/250213>