

Human Endothelial cell-specific molecule 1 ELISA Kit | ESM1 elisa kit

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CATALOG #
AAA190664

REACTIVITY
Human

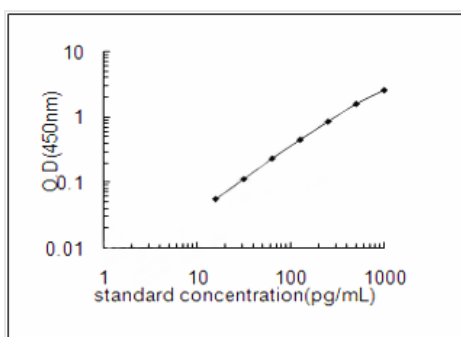
PRODUCT SYNONYMS

Endothelial cell-specific molecule 1; Human Endothelial cell-specific molecule 1 ELISA Kit; ESM-1; ESM1; ESM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ESM-1. No significant cross-reactivity or interference was observed.
Sequence Length	134
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	15.6 pg/mL -1000 pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ESM1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human endothelial cell-specific molecule 1, ESM-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ESM-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ESM-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ESM-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of ESM-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208022668
NCBI GeneID	11082
NCBI Accession #	NP_001129076.1
NCBI GenBank Nucleotide #	NM_001135604.1
UniProt Accession #	Q9NQ30; Q15330; Q3V4E3; Q96ES3; B2R4G3
Molecular Weight	14,513 Da
NCBI Official Full Name	endothelial cell-specific molecule 1 isoform b
NCBI Official Synonym Full Names	endothelial cell specific molecule 1
NCBI Official Symbol	ESM1
NCBI Official Synonym Symbols	endocan
NCBI Protein Information	endothelial cell-specific molecule 1
UniProt Protein Name	Endothelial cell-specific molecule 1
UniProt Gene Name	ESM1
UniProt Synonym Gene Names	ESM-1
UniProt Entry Name	ESM1_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://stage.aaabiotech.com/esm1-human-elisa-kits/endothelial-cell-specific-molecule-1/190664>