

Human Endothelial Cell Specific Molecule 1 (ESM1) RTU ELISA Kit | ESM1 rtu elisa kit

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CATALOG #
AAA70470

REACTIVITY
Human

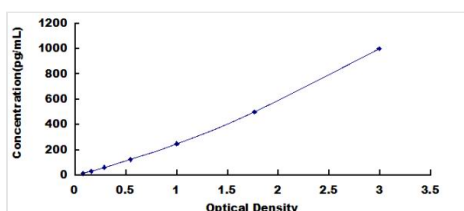
PRODUCT SYNONYMS

Endothelial Cell Specific Molecule 1 (ESM1); Human Endothelial Cell Specific Molecule 1 (ESM1) ELISA Kit; Endocan; ESM1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	134
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	6.4pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ESM1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ESM1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ESM1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ESM1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ESM1 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

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/human-rtu-elisa-kits/endothelial-cell-specific-molecule-1-esm1/70470>