

Human ESM1 ELISA Kit | ESM1 elisa kit

Human ESM1 (Endothelial Cell Specific Molecule 1) ELISA Kit

CATALOG #
AAA165419

REACTIVITY
Human

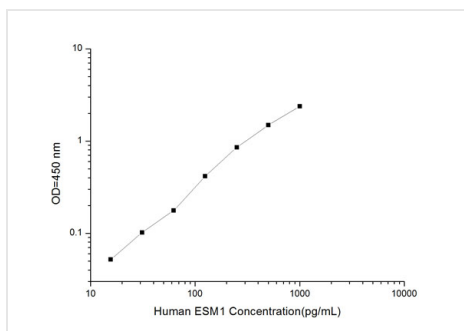
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ESM1. No significant cross-reactivity or interference between Human ESM1 and analogues was observed.
Sequence Length	392
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ESM1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ESM1 concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ESM1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ESM1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ESM1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ESM1. You can calculate the concentration of ESM1 in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	15231805
NCBI GeneID	820639
NCBI Accession #	NP_188037.1
NCBI GenBank Nucleotide #	NM_112278.2
UniProt Accession #	Q9LJG3; Q941A3; A0MAV7
Molecular Weight	44,060 Da
NCBI Official Full Name	epithiospecifier modifier 1
NCBI Official Symbol	ESM1
NCBI Official Synonym Symbols	epithiospecifier modifier 1; ESM1
NCBI Protein Information	epithiospecifier modifier 1
UniProt Protein Name	GDSL esterase/lipase ESM1
UniProt Gene Name	ESM1
UniProt Synonym Gene Names	AtESM1
UniProt Entry Name	ESM1_ARATH

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.