

Human ESM1 (Endothelial Cell Specific Molecule 1) CLIA Kit | ESM1 clia kit

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CATALOG #
AAA170934

REACTIVITY
Human

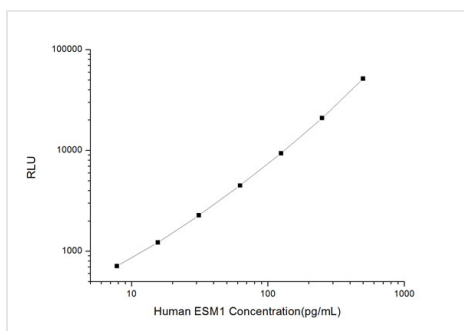
PRODUCT SYNONYMS

ESM1 (Endothelial Cell Specific Molecule 1); Human ESM1 (Endothelial Cell Specific Molecule 1) CLIA Kit; ESM1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ESM1. No significant cross-reactivity or interference between ESM1 and analogues was observed.
Sequence Length	184
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ESM1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ESM1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to ESM1. Standards or samples are added to the appropriate micro CLIA 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 fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of ESM1. You can calculate the concentration of ESM1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14196342
NCBI GeneID	71690
NCBI Accession #	NP_076101.1
NCBI GenBank Nucleotide #	NM_023612.3
Molecular Weight	20,043 Da
NCBI Official Full Name	endothelial cell-specific molecule 1
NCBI Official Synonym Full Names	endothelial cell-specific molecule 1
NCBI Official Symbol	Esm1
NCBI Official Synonym Symbols	ESM-1; AV004503; 0610042H23Rik
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_MOUSE

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-clia-kits/esm1-endothelial-cell-specific-molecule-1/170934>