

ARG83280 Human ESAM ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83280 Human ESAM ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ESAM in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	ESAM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	25 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 5.6%
Alternate Names	ESAM; Endothelial Cell Adhesion Molecule; W117m; Endothelial Cell-Selective Adhesion Molecule; HUEL (C4orf1)-Interacting Protein; LP4791 Protein; 231008D05Rik; NEDIHSS

Application Instructions

Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ESAM
Gene Full Name	Endothelial Cell Adhesion Molecule
Background	Enables cell-cell adhesion mediator activity. Involved in several processes, including bicellular tight junction assembly; cell-cell adhesion; and regulation of actin cytoskeleton organization. Located in cell-cell junction and plasma membrane. Part of protein-containing complex.
Function	Can mediate aggregation most likely through a homophilic molecular interaction.

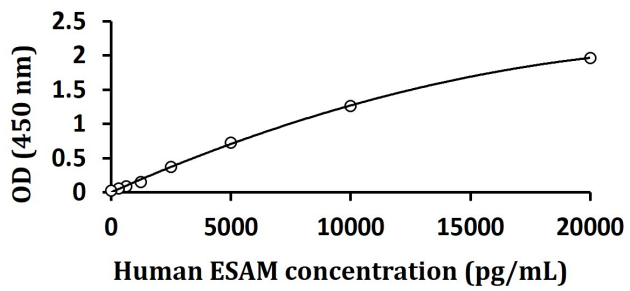
PTM

Disulfide bond, Glycoprotein, Phosphoprotein

Cellular Localization

Cell junction, Cell membrane, Membrane, Tight junction

Images



ARG83280 Human ESAM ELISA Kit standard curve image

ARG83280 Human ESAM ELISA Kit results of a typical standard run with optical density reading at 450 nm.