

ARG81781 Rat CD62E / E-Selectin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81781-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81781-002	Standard	2 X 10 ng/vial	4°C
ARG81781-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81781-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81781-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81781-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81781-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81781-008	25X Wash buffer	20 ml	4°C
ARG81781-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81781-010	STOP solution	10 ml (Ready to use)	4°C
ARG81781-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81781 Rat CD62E / E-Selectin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat soluble CD62E / E-Selectin in serum, plasma (heparin, citrate) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD62E / E-Selectin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, citrate) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.2%; Inter-Assay CV: 7.2%
Alternate Names	E-selectin; CD62E; ELAM-1; ELAM1; CD antigen CD62E; ELAM; Endothelial leukocyte adhesion molecule 1; Leukocyte-endothelial cell adhesion molecule 2; ESEL; LECAM2; CD62 antigen-like family member E

Application Instructions

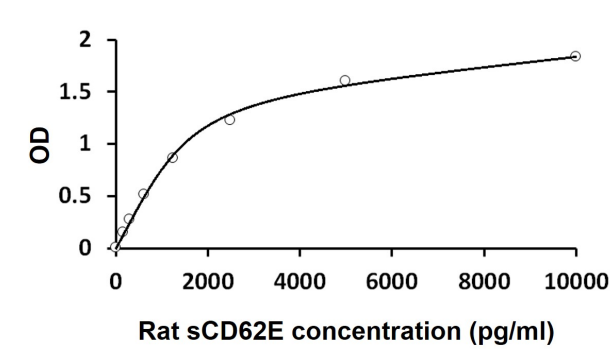
Assay Time	~ 5 hours
------------	-----------

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	SELE
Gene Full Name	selectin E
Background	The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. [provided by RefSeq, Jul 2008]
Function	Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with PSGL1/SELPLG. May have a role in capillary morphogenesis. [UniProt]
Highlight	Related products: CD62E antibodies ; CD62E ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81781 Rat CD62E / E-Selectin ELISA Kit standard curve image

ARG81781 Rat CD62E / E-Selectin ELISA Kit results of a typical standard run with optical density reading at 450 nm.