

Rat platelet/endothelial cell adhesion molecule ELISA Kit | PECAM1 elisa kit

Rat soluble platelet endothelial cell adhesion molecule 1, sPECAM-1 ELISA Kit

CATALOG #
AAA80570

REACTIVITY
Rat

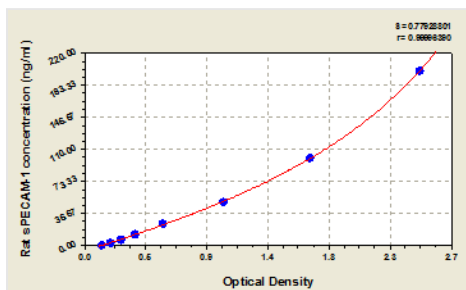
PRODUCT SYNONYMS

platelet/endothelial cell adhesion molecule; Rat soluble platelet endothelial cell adhesion molecule 1; sPECAM-1 ELISA Kit; CD31; FLJ58394; PECAM-1; CD31 antigen; CD31/EndoCAM; adhesion molecule; PECAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat sPECAM-1. No significant cross-reactivity or interference between rat sPECAM-1 and analogues was observed.
Sequence Length	678
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PECAM1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sPECAM-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sPECAM-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sPECAM-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sPECAM-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75832033
NCBI GeneID	29583
NCBI Accession #	NP_113779.1
NCBI GenBank Nucleotide #	NM_031591.1
UniProt Accession #	Q3SWT0; P97635
Molecular Weight	76,189 Da
NCBI Official Full Name	platelet endothelial cell adhesion molecule
NCBI Official Synonym Full Names	platelet/endothelial cell adhesion molecule 1
NCBI Official Symbol	Pecam1
NCBI Official Synonym Symbols	CD31; Pecam
NCBI Protein Information	platelet endothelial cell adhesion molecule; PECAM-1
UniProt Protein Name	Platelet endothelial cell adhesion molecule
UniProt Gene Name	Pecam1
UniProt Synonym Gene Names	Pecam; PECAM-1
UniProt Entry Name	PECA1_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pecam1-rat-elisa-kits/platelet-endothelial-cell-adhesion-molecule/80570>