

Mouse PECAM-1 ELISA Kit | PECAM-1 elisa kit

PECAM-1 (Mouse) ELISA

CATALOG #
AAA72621

REACTIVITY
Mouse

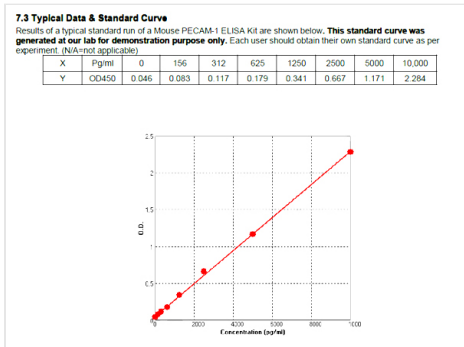
PRODUCT SYNONYMS

PECAM-1; PECAM-1 (Mouse) ELISA; PECAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Mouse serum, plasma, body fluids, tissue lysates or cell culture supernates
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Intended Uses	For detection of PECAM-1 in Mouse serum, plasma, body fluids, tissue lysates or cell culture supernates. For research use only.
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PECAM-1 elisa kit	Principle of the assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PECAM-1 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-PECAM-1 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the PECAM-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PECAM-1 can be calculated. Background: Platelet endothelial cell adhesion molecule (PECAM-1) also known as cluster of differentiation 31 (CD31), is a member of the immunoglobulin (Ig) superfamily that is expressed on the surface of circulating platelets, monocytes, neutrophils, and particular T-cell subsets. PECAM1 plays a role as an adhesion receptor in thrombosis, hemostasis, immunity, and inflammatory response, and it is also an important target glycoprotein in drug-induced immune thrombocytopenia.
Product Categories/Family for PECAM-1 elisa kit	Cardiovascular; Immunology; Cytokines & Cell Signalling; Research Assays; Assay Categories

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://stage.aaabiotech.com/mouse-elisa-kits/pecam-1/72621>