

Human CD31 / PECAM-1 ELISA Kit | CD31 / PECAM-1 elisa kit

CD31 / PECAM-1 Human ELISA Kit

CATALOG # AAA58912	REACTIVITY Human	APPLICATIONS ELISA
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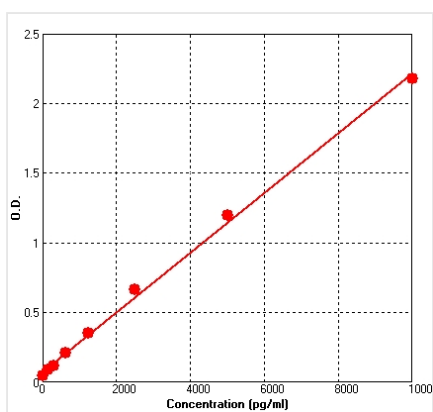
PRODUCT SYNONYMS

CD31 / PECAM-1; CD31 / PECAM-1 Human ELISA Kit; Human CD31 / PECAM-1; CD31 / PECAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	156 pg/ml-10,000 pg/ml
Sensitivity	< 10pg/ml
Applicable Applications for CD31 / PECAM-1 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD31 / 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.
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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/human-elisa-kits/cd31-pecam-1/58912>