

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

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CATALOG #
AAA258334

REACTIVITY
Human

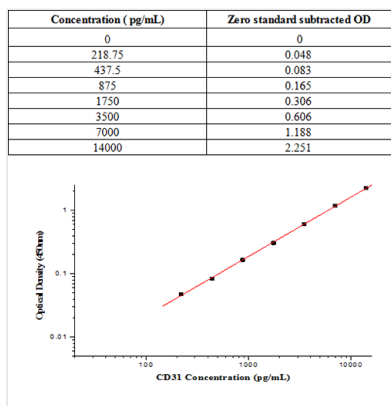
PRODUCT SYNONYMS

CD31/PECAM-1; Human CD31/PECAM-1 ELISA Kit; CD31 ELISA Kit; Human; platelet/endothelial cell adhesion molecule 1; CD31/EndoCAM ELISA Kit; endoCAM ELISA Kit; GPIIA' ELISA Kit; PECA1 ELISA Kit; PECAM-1 ELISA Kit; CD31/PECAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human CD31/PECAM-1 concentration in serum, urine and saliva.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum, Urine, Saliva
Detection Range	218.75-14000pg/mL
Sensitivity	38.43pg/mL
Conjugation	HRP
Interference	Preparations of the following factors at 200ng/mL in a mid-range recombinant Human CD31 control were assayed for interference. No significant interference was observed.
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD31/PECAM-1 elisa kit	Background: The Cluster of Differentiation 31 (CD31) adhesion molecule, also known as platelet-endothelial cell adhesion molecule-1 (PECAM-1), is the only known member of the CAM family on platelets. CD31 protein is a 130-kDa transmembrane glycoprotein expressed by endothelial cells, platelets, monocytes, neutrophils, and certain T cell subsets. CD31 protein is also expressed in certain tumors, including epithelioid hemangioendothelioma, other vascular tumors, and histiocytic malignancies. CD31 plays a key role in removing aged neutrophils and tissue regeneration. CD31 protein mediates the homotypic or heterotypic cell adhesion by binding to itself or the leukocyte integrin alphavbeta3, and thus plays a role in neutrophil recruitment in inflammatory responses, transendothelial migration of leukocytes, as well as in cardiovascular development.
References	Deaglio S, et al. (2000) CD38/CD31, a receptor/ligand system ruling adhesion and signaling in human leukocytes. Chem Immunol. 75: 99-120. Kohler S, et al. (2009) Life after the thymus: CD31+ and CD31- human naive CD4+ T-cell subsets. Blood. 113(4): 769-74.

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-1/258334>