

Human CD248 molecule, endosialin ELISA Kit | CD248 elisa kit

Human Endosialin, CD248 ELISA Kit

CATALOG #
AAA18107

REACTIVITY
Human

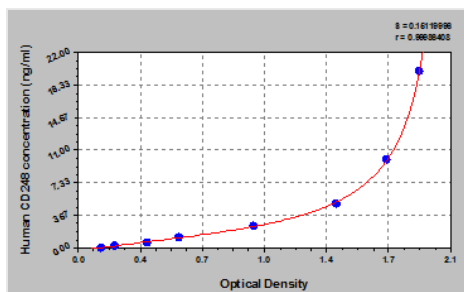
PRODUCT SYNONYMS

CD248 molecule; endosialin; Human Endosialin; CD248 ELISA Kit; Human Endosialin (CD248) ELISA kit; CD164L1; MGC119478; MGC119479; TEM1; 2610111G01Rik; CD164 sialomucin-like 1; CD248 antigen; tumor endothelial marker 1; CD248 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD248. No significant cross-reactivity or interference between human CD248 and analogues was observed.
Sequence Length	757
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 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 CD248 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD248 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD248 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD248 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 CD248 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	9966885
NCBI GeneID	57124
NCBI Accession #	NP_065137.1
NCBI GenBank Nucleotide #	NM_020404.2
UniProt Accession #	Q9HCU0; Q2M2V5; Q3SX55; Q96KB6
Molecular Weight	80,859 Da
NCBI Official Full Name	endosialin
NCBI Official Synonym Full Names	CD248 molecule, endosialin
NCBI Official Symbol	CD248
NCBI Official Synonym Symbols	TEM1; CD164L1
NCBI Protein Information	endosialin; 2610111G01Rik; CD164 sialomucin-like 1; CD248 antigen, endosialin; tumor endothelial marker 1
UniProt Protein Name	Endosialin
UniProt Gene Name	CD248
UniProt Synonym Gene Names	CD164L1; TEM1
UniProt Entry Name	CD248_HUMAN

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.