

Mouse CD9 (CD9 antigen) ELISA Kit | CD9 elisa kit

Mouse CD9 (CD9 antigen) ELISA Kit

CATALOG #
AAA250972

REACTIVITY
Mouse

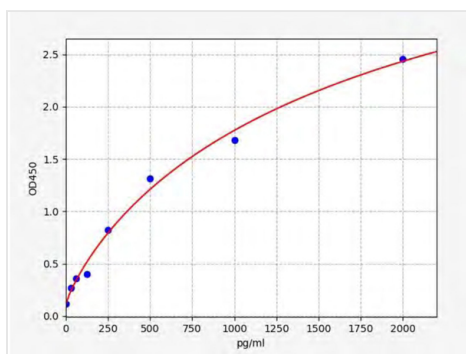
PRODUCT SYNONYMS

CD9 (CD9 antigen); Mouse CD9 (CD9 antigen) ELISA Kit; CD9; CD9 antigen; CD9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize CD9, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD9 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CD9 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti CD9 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CD9 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CD9 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680894
NCBI GeneID	12527
NCBI Accession #	NP_031683.1
NCBI GenBank Nucleotide #	NM_007657.3
UniProt Accession #	P40240; Q3U9W0
Molecular Weight	25,258 Da
NCBI Official Full Name	CD9 antigen
NCBI Official Synonym Full Names	CD9 antigen
NCBI Official Symbol	Cd9
NCBI Official Synonym Symbols	Tspan29
NCBI Protein Information	CD9 antigen
UniProt Protein Name	CD9 antigen
UniProt Gene Name	Cd9
UniProt Entry Name	CD9_MOUSE

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.