

Mouse CD9 molecule ELISA Kit | CD9 elisa kit

Mouse CD9 antigen, CD9 ELISA Kit

CATALOG # AAA113041	REACTIVITY Mouse
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PRODUCT SYNONYMS

CD9 molecule; Mouse CD9 antigen; CD9 ELISA Kit; Mouse CD9 antigen (CD9) ELISA kit; 5H9; BA2; BTCC-1; DRAP-27; GIG2; MIC3; MRP-1; P24; TSPAN29; 5H9 antigen; CD9 antigen; CD9 antigen (p24) ; OTTHUMP00000041576; antigen defined by monoclonal antibody 602-29; growth-inhibiting gene 2 protei; CD9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CD9. No significant cross-reactivity or interference between mouse CD9 and analogues was observed.
Sequence Length	226
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	4.69 pg/ml-300 pg/ml
Sensitivity	< 1.17 pg/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.

ADDITIONAL INFORMATION

Related Product Information for CD9 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD9 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 CD9 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/cd9-molecule/113041>