

Mouse Cluster Of Differentiation 99 (CD99) ELISA Kit | CD99 elisa kit

Mouse Cluster Of Differentiation 99 (CD99) ELISA Kit

CATALOG #
AAA148567

REACTIVITY
Mouse

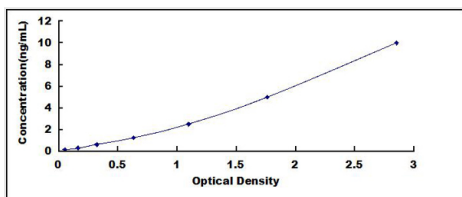
PRODUCT SYNONYMS

Cluster Of Differentiation 99 (CD99); Mouse Cluster Of Differentiation 99 (CD99) ELISA Kit; MIC2X; MIC2Y; MIC2; Antigen Identified By Monoclonal Antibodies 12E7; F21 And O13; E2 antigen; T-cell surface glycoprotein E2; CD99 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Cluster Of Differentiation 99 (CD99). No significant cross-reactivity or interference between Cluster Of Differentiation 99 (CD99) and analogues was observed.
Sequence Length	175
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cluster Of Differentiation 99 (CD99) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cluster Of Differentiation 99 (CD99) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD99 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cluster Of Differentiation 99 (CD99). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cluster Of Differentiation 99 (CD99). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cluster Of Differentiation 99 (CD99), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cluster Of Differentiation 99 (CD99) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CD99 elisa kit	Signal transduction; CD & Adhesion molecule; Apoptosis; Tumor immunity; Infection immunity; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	125660453
NCBI GeneID	673094
NCBI Accession #	NP_079860.2
NCBI GenBank Nucleotide #	NM_025584.2
UniProt Accession #	Q8VCN6; Q4L299; Q4L2A4; Q8BLN1
Molecular Weight	16,783 Da
NCBI Official Full Name	CD99 antigen
NCBI Official Synonym Full Names	CD99 antigen
NCBI Official Symbol	Cd99
NCBI Official Synonym Symbols	D4; Pilr-l; pilr-1; 1110061M03Rik; 2410026K10Rik
NCBI Protein Information	CD99 antigen
UniProt Protein Name	CD99 antigen
UniProt Gene Name	Cd99
UniProt Synonym Gene Names	Pilrl; PILR-L

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cluster-of-differentiation-99-cd99/148567>