

Human CD99 ELISA Kit | CD99 elisa kit

Human CD99 (Cluster of Differentiation 99) ELISA Kit

CATALOG #
AAA163758

REACTIVITY
Human

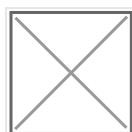
PRODUCT SYNONYMS

CD99; Human CD99 (Cluster of Differentiation 99) ELISA Kit; CD99 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CD99. No significant cross-reactivity or interference between Human CD99 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CD99 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	185
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD99 elisa kit

Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD99 in human serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CD99. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human CD99 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CD99, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human CD99. You can calculate the concentration of Human CD99 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505183
NCBI GeneID	4267
NCBI Accession #	NP_002405.1
NCBI GenBank Nucleotide #	NM_002414.3
UniProt Accession #	P14209; O00518; Q6ICV7; A6NIW1
Molecular Weight	17,128 Da
NCBI Official Full Name	CD99 antigen isoform a
NCBI Official Synonym Full Names	CD99 molecule
NCBI Official Symbol	CD99
NCBI Official Synonym Symbols	MIC2; HBA71; MIC2X; MIC2Y; MSK5X
NCBI Protein Information	CD99 antigen; E2 antigen; MIC2 (monoclonal antibody 12E7); T-cell surface glycoprotein E2; antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; surface antigen MIC2
UniProt Protein Name	CD99 antigen
UniProt Gene Name	CD99
UniProt Synonym Gene Names	MIC2; MIC2X; MIC2Y
UniProt Entry Name	CD99_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cd99/163758>