

Rabbit CD 99 ELISA Kit | CD99 elisa kit

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CATALOG #
AAA82207

REACTIVITY
Rabbit

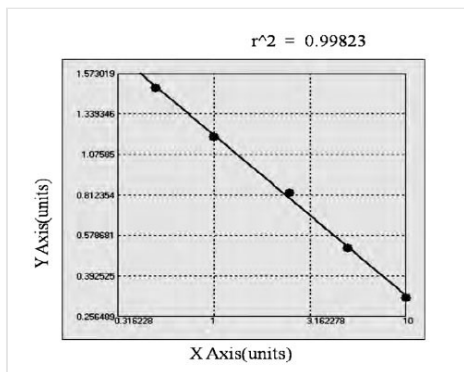
PRODUCT SYNONYMS

CD 99; Rabbit CD 99 ELISA Kit; CD99 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CD 99 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CD 99. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CD99 elisa kit

Principle of the assay: CD 99 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD 99 antibody and an CD 99-HRP conjugate. The assay sample and buffer are incubated together with CD 99-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD 99 concentration since CD 99 from samples and CD 99-HRP conjugate compete for the anti-CD 99 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD 99 from the sample, fewer sites are left to bind CD 99-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD 99 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171543879
NCBI GeneID	4267
NCBI Accession #	NP_001116370.1
NCBI GenBank Nucleotide #	NM_001122898.1
Molecular Weight	17,128 Da
NCBI Official Full Name	CD99 antigen isoform b
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; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal antibody 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13
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.