

Human CD3d ELISA Kit | CD3d elisa kit

Human CD3d (Cluster of Differentiation 3d) ELISA Kit

CATALOG #
AAA164563

REACTIVITY
Human

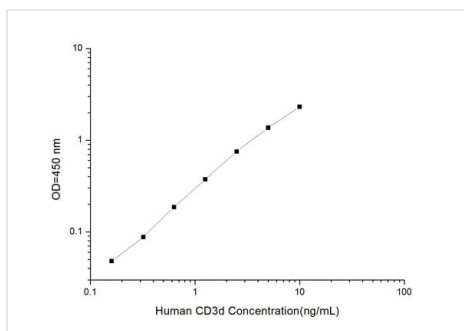
PRODUCT SYNONYMS

CD3d; Human CD3d (Cluster of Differentiation 3d) ELISA Kit; CD3d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CD3d. No significant cross-reactivity or interference between Human CD3d and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CD3d and all the analogues, therefore, cross reaction may still exist.
Sequence Length	183
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 CD3d elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CD3d 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 CD3d. 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 CD3d 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 CD3d, 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 CD3d. You can calculate the concentration of Human CD3d in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119587770
NCBI GeneID	915
UniProt Accession #	P04234; A8MVP6
Molecular Weight	14,484 Da
NCBI Official Full Name	CD3d antigen, delta polypeptide (TiT3 complex), isoform CRA_b
NCBI Official Synonym Full Names	CD3d molecule, delta (CD3-TCR complex)
NCBI Official Symbol	CD3D
NCBI Official Synonym Symbols	T3D; IMD19; CD3-DELTA
NCBI Protein Information	T-cell surface glycoprotein CD3 delta chain; CD3 antigen, delta subunit; CD3d antigen, delta polypeptide (TiT3 complex); OKT3, delta chain; T-cell receptor T3 delta chain
UniProt Protein Name	T-cell surface glycoprotein CD3 delta chain
UniProt Gene Name	CD3D
UniProt Synonym Gene Names	T3D
UniProt Entry Name	CD3D_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.