

Human CD33 molecule ELISA Kit | CD33 elisa kit

Human Myeloid cell surface antigen CD33, CD33 ELISA Kit

CATALOG #
AAA18291

REACTIVITY
Human

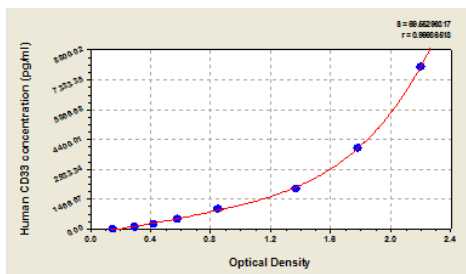
PRODUCT SYNONYMS

CD33 molecule; Human Myeloid cell surface antigen CD33; CD33 ELISA Kit; Human Myeloid cell surface antigen CD33 (CD33) ELISA kit; FLJ00391; SIGLEC-3; SIGLEC3; p67; CD33 antigen; CD33 antigen (gp67) ; CD33 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD3. No significant cross-reactivity or interference between human CD3 and analogues was observed.
Sequence Length	364
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD33 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD3 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 CD3 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 #	130980072
NCBI GeneID	945
NCBI Accession #	NP_001076087.1
NCBI GenBank Nucleotide #	NM_001082618.1
UniProt Accession #	P20138; Q8TD24; B4E3P8; C9JEN7; F8WAL2
Molecular Weight	39,825 Da
NCBI Official Full Name	myeloid cell surface antigen CD33 isoform 2
NCBI Official Synonym Full Names	CD33 molecule
NCBI Official Symbol	CD33
NCBI Official Synonym Symbols	p67; SIGLEC3; SIGLEC-3
NCBI Protein Information	myeloid cell surface antigen CD33; gp67; CD33 antigen (gp67); sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3
UniProt Protein Name	Myeloid cell surface antigen CD33
UniProt Gene Name	CD33
UniProt Synonym Gene Names	SIGLEC3; Siglec-3
UniProt Entry Name	CD33_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.