

Human CD52 molecule ELISA Kit | CD52 elisa kit

Human CAMPATH-1 antigen, CD52 ELISA Kit

CATALOG #
AAA18271

REACTIVITY
Human

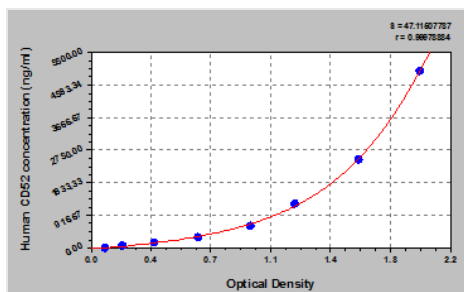
PRODUCT SYNONYMS

CD52 molecule; Human CAMPATH-1 antigen; CD52 ELISA Kit; Human CAMPATH-1 antigen (CD52) ELISA kit; CDW52; CD52 antigen; CD52 antigen (CAMPATH-1 antigen) ; CDW52 antigen (CAMPATH-1 antigen) ; CD52 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD52. No significant cross-reactivity or interference between human CD52 and analogues was observed.
Sequence Length	61
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	78 ng/ml-5000 ng/ml
Sensitivity	< 19.5 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 CD52 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD52 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD52 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD52 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 CD52 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 #	68342030
NCBI GeneID	1043
NCBI Accession #	NP_001794.2
NCBI GenBank Nucleotide #	NM_001803.2
UniProt Accession #	P31358; Q5T138; Q9BW46
Molecular Weight	6,614 Da
NCBI Official Full Name	CAMPATH-1 antigen
NCBI Official Synonym Full Names	CD52 molecule
NCBI Official Symbol	CD52
NCBI Official Synonym Symbols	CDW52
NCBI Protein Information	CAMPATH-1 antigen; he5; HEL-S-171mP; cambridge pathology 1 antigen; epididymal secretory protein E5; CD52 antigen (CAMPATH-1 antigen); CDW52 antigen (CAMPATH-1 antigen); human epididymis-specific protein 5; epididymis secretory sperm binding protein Li 171mP
UniProt Protein Name	CAMPATH-1 antigen
UniProt Gene Name	CD52
UniProt Synonym Gene Names	CDW52; HE5; He5
UniProt Entry Name	CD52_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.