

Rabbit ADP-ribosyl cyclase 1 ELISA Kit | CD38 elisa kit

Rabbit ADP-ribosyl cyclase 1 (CD38) ELISA Kit

CATALOG # AAA55495	REACTIVITY Rabbit
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PRODUCT SYNONYMS

ADP-ribosyl cyclase 1; Rabbit ADP-ribosyl cyclase 1 (CD38) ELISA Kit; CD38 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit CD38. No significant cross-reactivity or interference between Rabbit CD38 and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CD38 elisa kit	Intended Uses: For the quantitative detection of Rabbit ADP-ribosyl cyclase 1 (CD38) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CD38 in Rabbit serum, plasma. An antibody specific for CD38 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD38 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD38 is added to the wells. After washing, Streptavidin 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 CD38 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 #	130509392
NCBI GeneID	100009409
NCBI Accession #	NP_001076152.1
NCBI GenBank Nucleotide #	NM_001082683.1
UniProt Accession #	Q9MZ03
Molecular Weight	33,637 Da

NCBI Official Full Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
NCBI Official Symbol	CD38
NCBI Official Synonym Symbols	ADPRC 1
NCBI Protein Information	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
UniProt Protein Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
UniProt Gene Name	CD38
UniProt Synonym Gene Names	ADPRC 1; cADPr hydrolase 1

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://www.aaabiotech.com/cd38-rabbit-elisa-kits/adp-ribosyl-cyclase-1/55495>