

Monkey Dendritic cell Associated C type Lectin 1 ELISA Kit | DCAL-2 elisa kit

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CATALOG #
AAA90002

REACTIVITY
Monkey

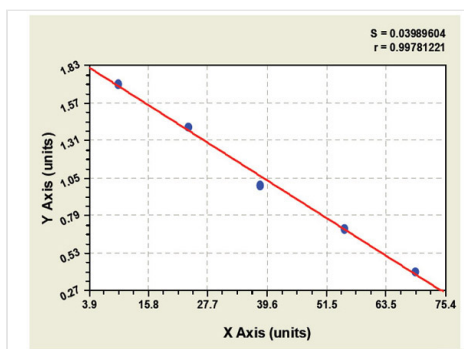
PRODUCT SYNONYMS

Dendritic cell Associated C type Lectin 1; Monkey Dendritic cell Associated C type Lectin 1 ELISA Kit; DCAL-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCAL-2 elisa kit

Intended Uses: This DCAL-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey DCAL-2. This ELISA kit for research use only!

Principle of the Assay: DCAL-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DCAL-2 antibody and an DCAL-2-HRP conjugate. The assay sample and buffer are incubated together with DCAL-2-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 DCAL-2 concentration since DCAL-2 from samples and DCAL-2-HRP conjugate compete for the anti-DCAL-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DCAL-2 from the sample, fewer sites are left to bind DCAL-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DCAL-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13649708
NCBI GeneID	64581
Molecular Weight	13,138 Da
NCBI Official Full Name	dendritic cell-associated C-type lectin-1
NCBI Official Synonym Full Names	C-type lectin domain family 7, member A
NCBI Official Symbol	CLEC7A
NCBI Official Synonym Symbols	BGR; CANDF4; DECTIN1; CLECSF12
NCBI Protein Information	C-type lectin domain family 7 member A; dectin-1; beta-glucan receptor; lectin-like receptor 1; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; dendritic cell-associated C-type lectin-1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12
UniProt Protein Name	C-type lectin domain family 7 member A
UniProt Gene Name	CLEC7A
UniProt Synonym Gene Names	BGR; CLECSF12; DECTIN1; UNQ539/PRO1082; DC-associated C-type lectin 1; Dectin-1
UniProt Entry Name	CLC7A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/dcal-2-monkey-elisa-kits/dendritic-cell-associated-c-type-lectin-1/90002>