

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

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CATALOG #
AAA91777

REACTIVITY
Chicken

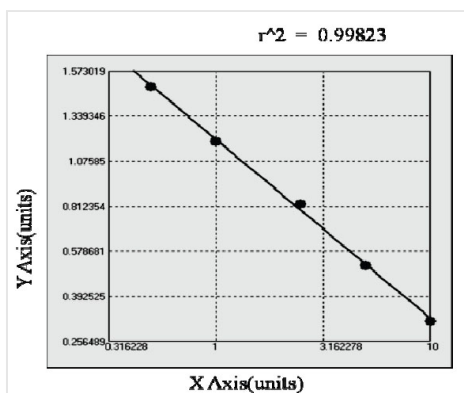
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This DCAL-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken DCAL-2. This ELISA kit for research use only, not for therapeutic applications!
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

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
UniProt Accession #	Q9BXN2; Q6IPS7; Q96D32; Q96DR9; Q96LD3; Q96PA5; Q96PA6; Q96PA7; B2R861; B7Z494; B7Z5A9; B7Z5B9; Q68D78; Q6UWR2; Q96PA4
Molecular Weight	27,627 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; 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.