

Rabbit Intercellular adhesion molecule 2 ELISA Kit | ICAM-2 elisa kit

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CATALOG #
AAA86597

REACTIVITY
Rabbit

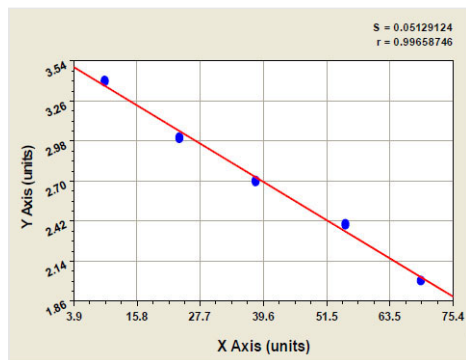
PRODUCT SYNONYMS

Intercellular adhesion molecule 2; Rabbit Intercellular adhesion molecule 2 ELISA Kit; ICAM-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ICAM-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ICAM-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 ICAM-2 elisa kit

Principle of the Assay: ICAM-2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ICAM-2. Standards or samples are then added to the microtiter plate wells and ICAM-2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ICAM-2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for ICAM-2 are added to each well to "sandwich" the ICAM-2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ICAM-2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ICAM-2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153082722
NCBI GeneID	3384
NCBI Accession #	NP_001093259.1
NCBI GenBank Nucleotide #	NM_001099789.1
Molecular Weight	30,654 Da
NCBI Official Full Name	intercellular adhesion molecule 2
NCBI Official Synonym Full Names	intercellular adhesion molecule 2
NCBI Official Symbol	ICAM2
NCBI Official Synonym Symbols	CD102
NCBI Protein Information	intercellular adhesion molecule 2; ICAM-2
UniProt Protein Name	Intercellular adhesion molecule 2
UniProt Gene Name	ICAM2
UniProt Synonym Gene Names	ICAM-2
UniProt Entry Name	ICAM2_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.