

Mouse Thymus Activation Regulated Chemokine ELISA Kit | TARC elisa kit

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CATALOG #
AAA82853

REACTIVITY
Mouse

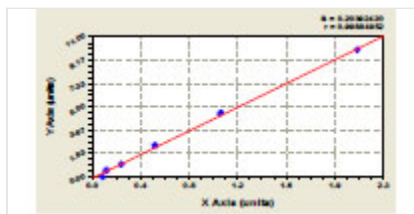
PRODUCT SYNONYMS

Thymus Activation Regulated Chemokine; Mouse Thymus Activation Regulated Chemokine ELISA Kit; TARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TARC elisa kit

Intended Uses||This TARC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TARC. This ELISA kit for research use only!

Principle of the Assay: TARC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TARC. Standards or samples are then added to the microtiter plate wells and TARC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TARC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TARC are added to each well to "sandwich" the TARC 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 TARC 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 TARC concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TARC elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5102778
NCBI GeneID	20295
UniProt Accession #	Q9WUZ6
Molecular Weight	10,467 Da
NCBI Official Full Name	thymus and activation-regulated chemokine
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 17
NCBI Official Symbol	Ccl17
NCBI Official Synonym Symbols	Tarc; Abcd-2; Scya17; Scya17l
NCBI Protein Information	chemokine (C-C motif) ligand 17; chemokine (C-C motif) ligand 17; small inducible cytokine subfamily A17
UniProt Protein Name	CC chemokine ABCD-2
UniProt Gene Name	Ccl17
UniProt Synonym Gene Names	ABCD-2; TARC; mCG_12286
UniProt Entry Name	Q9WUZ6_MOUSE

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://stage.aaabiotech.com/tarc-mouse-elisa-kits/thymus-activation-regulated-chemokine/82853>