

Human Thymus Activation Regulated Chemokine ELISA Kit | TARC elisa kit

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CATALOG #
AAA85764

REACTIVITY
Human

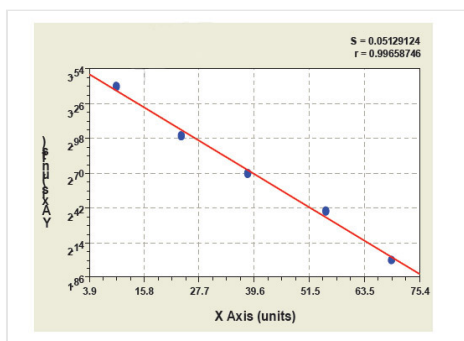
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TARC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TARC. 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 TARC elisa kit

Principle of the Assay: TARC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TARC antibody and an TARC-HRP conjugate. The assay sample and buffer are incubated together with TARC-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 TARC concentration since TARC from samples and TARC-HRP conjugate compete for the anti-TARC antibody binding site. Since the number of sites is limited, as more sites are occupied by TARC from the sample, fewer sites are left to bind TARC-HRP conjugate. 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.

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.