

Human Thymus Activation Regulated Chemokine (TARC) ELISA Kit | TARC elisa kit

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CATALOG #
AAA138263

REACTIVITY
Human

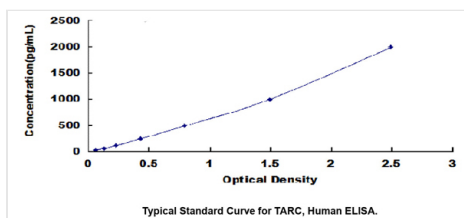
PRODUCT SYNONYMS

Thymus Activation Regulated Chemokine (TARC); Human Thymus Activation Regulated Chemokine (TARC) ELISA Kit; CCL17; ABCD-2; SCYA17; TARC; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 17; Small-inducible cytokine A17; TARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TARC. No significant cross-reactivity or interference between TARC and analogues was observed.
Sequence Length	93
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 12.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TARC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TARC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TARC elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TARC. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TARC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TARC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TARC in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TARC in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for TARC elisa kit	Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	11127960
NCBI GeneID	117518
Molecular Weight	10,480 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; Scya17
NCBI Protein Information	C-C motif chemokine 17
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	Ccl17
UniProt Entry Name	Q9ERE0_RAT

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://www.aaabiotech.com/human-elisa-kits/thymus-activation-regulated-chemokine-tarc/138263>