

Porcine TARC ELISA Kit | TARC elisa kit

Porcine TARC (Thymus Activation Regulated Chemokine) ELISA Kit

CATALOG #
AAA164586

REACTIVITY
Porcine

PRODUCT SYNONYMS

TARC; Porcine TARC (Thymus Activation Regulated Chemokine) ELISA Kit; TARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine TARC in samples. No significant cross-reactivity or interference between Porcine TARC and analogues was observed.
Sequence Length	93
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid-range and high level Porcine TARC were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid-range and high level Porcine TARC were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for TARC elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine TARC concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine TARC. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine TARC and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine TARC, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Porcine TARC. You can calculate the concentration of Porcine TARC in the samples by comparing the OD of the samples to the 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	C-C motif chemokine
UniProt Gene Name	Ccl17
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://www.aaabiotech.com/porcine-elisa-kits/tarc/164586>