

Porcine TAT ELISA Kit | TAT elisa kit

Porcine TAT (Thrombin/Antithrombin Complex) ELISA Kit

CATALOG #
AAA164243

REACTIVITY
Porcine

PRODUCT SYNONYMS

TAT; Porcine TAT (Thrombin/Antithrombin Complex) ELISA Kit; TAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine TAT in samples. No significant cross-reactivity or interference between Porcine TAT and analogues was observed.
Sequence Length	86
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine TAT 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 TAT 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 TAT elisa kit

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 TAT. 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 TAT 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 TAT, 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 $\pm$ 2 nm. The OD value is proportional to the concentration of Porcine TAT. You can calculate the concentration of Porcine TAT in the samples by comparing the OD of the samples to the standard curve.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	9629358
NCBI GeneID	155871
NCBI Accession #	NP_057853.1

NCBI GenBank Nucleotide #	NC_001802.1
NCBI Official Full Name	Tat
NCBI Official Symbol	tat
NCBI Protein Information	p14; Tat

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/tat/164243>