

Rat TACE ELISA Kit | TACE elisa kit

Rat TACE (TNF alpha Converting Enzyme) ELISA Kit

CATALOG #
AAA166019

REACTIVITY
Rat

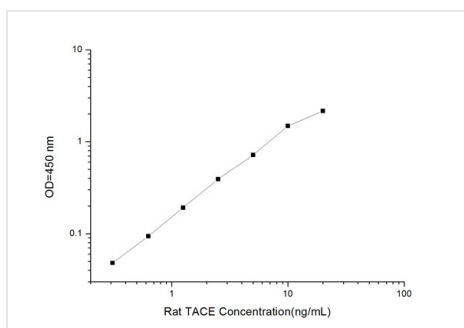
PRODUCT SYNONYMS

TACE; Rat TACE (TNF alpha Converting Enzyme) ELISA Kit; TACE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat TACE. No significant cross-reactivity or interference between Rat TACE and analogues was observed.
Sequence Length	732
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat TACE concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TACE elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to TACE. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TACE and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TACE, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 TACE. You can calculate the concentration of TACE in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24651243
NCBI GeneID	43558
NCBI Accession #	NP_733334.1
NCBI GenBank Nucleotide #	NM_170455.3
Molecular Weight	30,041 Da
NCBI Official Full Name	tace, isoform A
NCBI Official Symbol	Tace
NCBI Official Synonym Symbols	CG7908; CT23908; DmelCG7908; DTACE; TACE
NCBI Protein Information	CG7908 gene product from transcript CG7908-RB; CG7908-PA; CG7908-PB; Tace-PA; Tace-PB; tace; tumor necrosis factor-alpha-converting enzyme
UniProt Protein Name	ADAM 17-like protease
UniProt Gene Name	Tace
UniProt Entry Name	ADA17_DROME

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.