

Rat MAT ELISA Kit | MAT elisa kit

Rat MAT (Matrilysin) ELISA Kit

CATALOG #
AAA164490

REACTIVITY
Rat

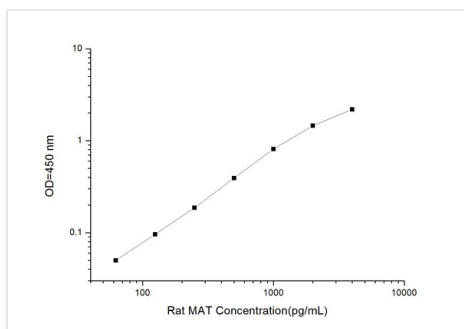
PRODUCT SYNONYMS

MAT; Rat MAT (Matrilysin) ELISA Kit; MAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat MAT. No significant cross-reactivity or interference between Rat MAT and analogues was observed.
Sequence Length	250
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAT elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat MAT concentrations in serum, plasma and other biological fluids. 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 MAT. 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 MAT 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 MAT, 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 MAT. You can calculate the concentration of MAT in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46401631
NCBI GeneID	2777380
NCBI Accession #	YP_006475.1
NCBI GenBank Nucleotide #	NC_005856.1
UniProt Accession #	Q71TG2
Molecular Weight	28,934 Da
NCBI Official Full Name	Mat
NCBI Official Symbol	mat
NCBI Protein Information	maturation control; Mat
UniProt Protein Name	Mat
UniProt Gene Name	mat
UniProt Entry Name	Q71TG2_BPP1

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://stage.aaabiotech.com/rat-elisa-kits/mat/164490>