

Rat TTR (Transthyretin) ELISA Kit | TTR elisa kit

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CATALOG #
AAA278452

REACTIVITY
Rat

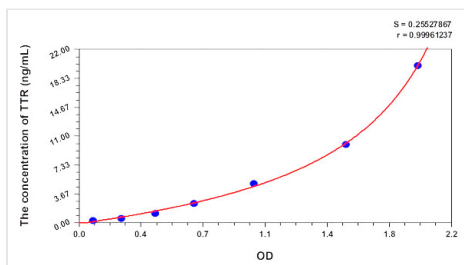
PRODUCT SYNONYMS

TTR (Transthyretin); Rat TTR (Transthyretin) ELISA Kit; TBPA; PA; PLB; ATTR; ALB; Prealbumin; Prealbumin Amyloidosis Type I; Transports Thyroxine and Retinol; TTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Detection Range	7.82-500ug/mL
Sensitivity	2.1ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTR elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat TTR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TTR. 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 Rat TTR, 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 Rat TTR in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for TTR elisa kit

[Enzyme & Kinase](#); [Tumor immunity](#); [Infection immunity](#); [Hormone metabolism](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033763
NCBI GeneID	24856
NCBI Accession #	NP_036813.2

NCBI GenBank Nucleotide #	NM_012681.2
UniProt Accession #	P02767 ; Q547K9
Molecular Weight	15,720 Da
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	Lr1; Tbpa
NCBI Protein Information	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	Ttr
UniProt Synonym Gene Names	Tt
UniProt Entry Name	TTHY_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/rat-elisa-kits/ttr-transthyretin/278452>