

Mouse Transthyretin (TTR) ELISA Kit | TTR elisa kit

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CATALOG #
AAA190361

REACTIVITY
Mouse

PRODUCT SYNONYMS

Transthyretin (TTR); Mouse Transthyretin (TTR) ELISA Kit; HsT2651; PALB; TBPA; prealbumin; amyloidosis type I|thyroxine-binding prealbumin; TTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse TTR. No significant cross-reactivity or interference between Mouse TTR and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	6.25 ng/mL - 400 ng/mL
Sensitivity	3.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C. Please refer to Instruction Manual.

ADDITIONAL INFORMATION

Related Product Information for TTR elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TTR in Mouse serum, plasma. An antibody specific for TTR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TTR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TTR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TTR bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Mouse Transthyretin (TTR) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305599
NCBI GeneID	22139
NCBI Accession #	NP_038725.1
NCBI GenBank Nucleotide #	NM_013697.5
UniProt Accession #	P07309
Molecular Weight	15,776 Da

NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	Ttr
NCBI Official Synonym Symbols	D17860; AA408768; A1787086; prealbumin
NCBI Protein Information	transthyretin
UniProt Protein Name	Transthyretin
UniProt Gene Name	Ttr
UniProt Entry Name	TTHY_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/mouse-elisa-kits/transthyretin-ttr/190361>