

Human TTR (Transthyretin) ELISA Kit | TTR elisa kit

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CATALOG #
AAA278182

REACTIVITY
Human

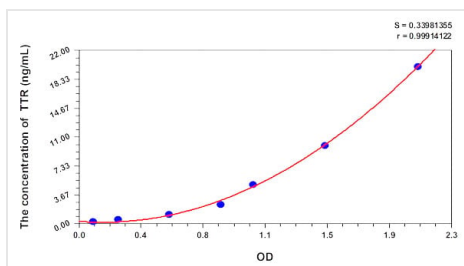
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cerebrospinal fluid, cell culture supernates and other biological fluids
Detection Range	7.82-500ug/mL
Sensitivity	2.3ug/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 Human TTR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human 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 #	4507725
NCBI GeneID	7276

NCBI Accession #	NP_000362.1
NCBI GenBank Nucleotide #	NM_000371.3
UniProt Accession #	P02766; Q549C7; Q6IB96; Q9UBZ6; Q9UCM9
Molecular Weight	15,887 Da
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	TTR
NCBI Official Synonym Symbols	CTS; CTS1; PALB; TBPA; HsT2651
NCBI Protein Information	transthyretin; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; prealbumin, amyloidosis type I
UniProt Protein Name	Transthyretin
UniProt Gene Name	TTR
UniProt Synonym Gene Names	PALB
UniProt Entry Name	TTHY_HUMAN

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/human-elisa-kits/ttr-transthyretin/278182>