

Human transthyretin ELISA Kit | TTR elisa kit

Human transthyretin, TTR ELISA Kit

CATALOG #
AAA80687

REACTIVITY
Human

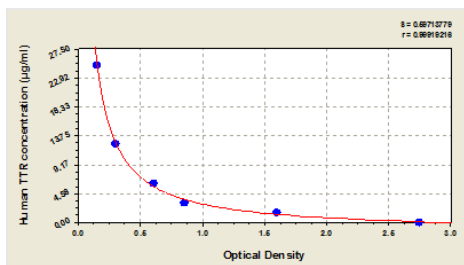
PRODUCT SYNONYMS

transthyretin; Human transthyretin; TTR ELISA Kit; Human transthyretin (TTR) ELISA kit; HsT2651; PALB; TBPA; prealbumin; amyloidosis type I; thyroxine-binding prealbumin; TTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TTR. No significant cross-reactivity or interference between human TTR and analogues was observed.
Sequence Length	147
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	1.56 ug/ml-25 ug/ml
Sensitivity	< 0.78 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTR elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with TTR. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for TTR. The competitive inhibition reaction is launched between with pre-coated TTR and TTR in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of TTR in the samples. The color development is stopped and the intensity of the color is measured.

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; HEL111; HsT2651
NCBI Protein Information	transthyretin; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; epididymis luminal protein 111; 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://www.aaabiotech.com/ttr-human-elisa-kits/transthyretin/80687>