

## Bovine transthyretin ELISA Kit | TTR elisa kit

Bovine Transthyretin, TTR ELISA Kit

CATALOG #  
**AAA112789**

REACTIVITY  
**Bovine**

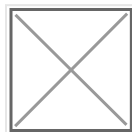
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of bovine TTR. No significant cross-reactivity or interference between bovine TTR and analogues was observed. |
| Sequence Length         | 147                                                                                                                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                     |
| Assay Type              | Quantitative Competitive                                                                                                                                                              |
| Detection Range         | 312.5 ng/ml-5000 ng/ml                                                                                                                                                                |
| Sensitivity             | < 312.5 ng/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 #

[27806789](#)

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GeneID                      | <a href="#">280948</a>                                                    |
| NCBI Accession #                 | <a href="#">NP_776392.1</a>                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_173967.3</a>                                               |
| UniProt Accession #              | <a href="#">O46375; Q3SZ91</a>                                            |
| Molecular Weight                 | 15,727 Da                                                                 |
| NCBI Official Full Name          | transthyretin                                                             |
| NCBI Official Synonym Full Names | transthyretin<                                                            |
| NCBI Official Symbol             | TTR                                                                       |
| NCBI Protein Information         | transthyretin; prealbumin; transthyretin (prealbumin, amyloidosis type I) |
| UniProt Protein Name             | Transthyretin                                                             |
| UniProt Gene Name                | <b>TTR</b>                                                                |
| UniProt Entry Name               | TTHY_BOVIN                                                                |

**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/ttr-bovine-ovine-elisa-kits/transthyretin/112789>