

## Bovine Thrombin-antithrombin complex ELISA Kit | TAT elisa kit

Bovine Thrombin-antithrombin complex ELISA Kit

CATALOG #  
**AAA89826**

REACTIVITY  
**Bovine**

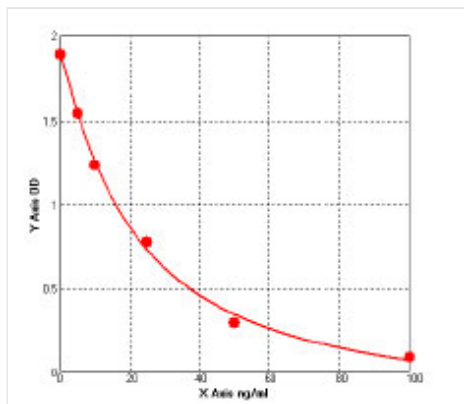
### PRODUCT SYNONYMS

Thrombin-antithrombin complex; Bovine Thrombin-antithrombin complex ELISA Kit; TAT elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of TAT. No significant cross-reactivity or interference between TAT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TAT and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TAT elisa kit | <p>Intended Uses: This TAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TAT. This ELISA kit for research use only!</p> <p>Principle of the Assay: TAT ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TAT antibody and an TAT-HRP conjugate. The assay sample and buffer are incubated together with TAT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TAT concentration since TAT from samples and TAT-HRP conjugate compete for the anti-TAT antibody binding site. Since the number of sites is limited, as more sites are occupied by TAT from the sample, fewer sites are left to bind TAT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAT concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for TAT elisa kit   | Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                         |              |
|-------------------------|--------------|
| NCBI GI #               | 301322950    |
| Molecular Weight        | 8,343 Da     |
| NCBI Official Full Name | tat, partial |
| UniProt Protein Name    | Protein Tat  |
| UniProt Gene Name       | tat          |
| UniProt Entry Name      | E2FMT9_9HIV1 |

**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/tat-bovine-ovine-elisa-kits/thrombin-antithrombin-complex/89826>