

# Rat Tissue Polypeptide Antigen (TPA) ELISA Kit | TPA elisa kit

Rat Tissue Polypeptide Antigen (TPA) ELISA Kit

CATALOG #  
**AAA330175**

REACTIVITY  
**Rat**

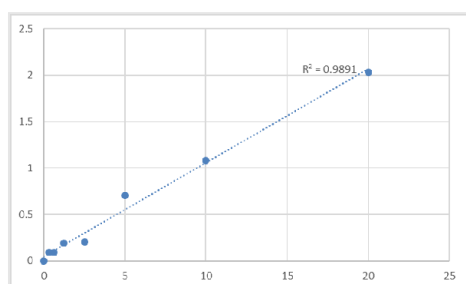
## PRODUCT SYNONYMS

Tissue Polypeptide Antigen (TPA); Rat Tissue Polypeptide Antigen (TPA) ELISA Kit; TPA elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity             | Rat Tissue Polypeptide Antigen (TPA) ELISA Kit has high sensitivity and excellent specificity for detection of Rat TPA. No significant cross-reactivity or interference between Rat TPA and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## IMAGES



**Standard Curve (Sample)**

Fig.1. Rat Tissue Polypeptide Antigen (TPA) Standard Curve.

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Related Product Information for TPA elisa kit | <p>Description: This Rat Tissue Polypeptide Antigen (TPA) ELISA Kit employs a two-site sandwich ELISA to quantitate TPA in samples. An antibody specific for TPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPA 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 TPA bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: The new proliferation marker, tissue polypeptide-specific antigen (TPS), representing the specific epitope M3 of tissue polypeptide antigen.</p> |
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**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/rat-elisa-kits/tissue-polypeptide-antigen-tpa/330175>