

## Mouse Tissue Plasminogen Activator (tPA) CLIA Kit | tPA clia kit

Mouse CLIA Kit for Tissue Plasminogen Activator (tPA) CLIA Kit

CATALOG #  
**AAA189710**

REACTIVITY  
**Mouse**

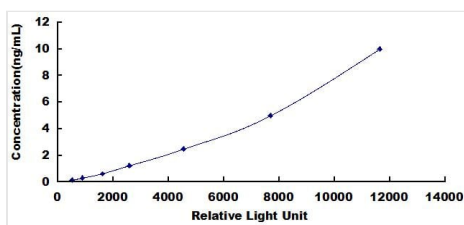
### PRODUCT SYNONYMS

Tissue Plasminogen Activator (tPA); Mouse CLIA Kit for Tissue Plasminogen Activator (tPA) CLIA Kit; PLAT; T-PA; t-plasminogen activator; Alteplase; Reteplase; tPA/Tissue Plasminogen Activator; tPA clia kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of tPA. No significant cross-reactivity or interference between tPA and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Samples                 | Mouse serum, plasma and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Detection Range         | 0.156-10ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sensitivity             | < 0.056ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level tPA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level tPA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage | Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life)<br>Shelf Life: 8 months<br>The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for tPA clia kit | <p>Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to tPA. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to tPA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the tPA level in the sample or standard.</p> <p>Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of tPA in mouse serum, plasma and other biological fluids.</p> |
| Product Categories/Family for tPA clia kit   | Metabolic pathway; Hematology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 170763477                                                  |
| NCBI GeneID                      | 18791                                                      |
| NCBI Accession #                 | NP_032898.2                                                |
| NCBI GenBank Nucleotide #        | NM_008872.2                                                |
| UniProt Accession #              | P11214; Q6P7U0; Q91VP2                                     |
| Molecular Weight                 | 160,000                                                    |
| NCBI Official Full Name          | tissue-type plasminogen activator preproprotein            |
| NCBI Official Synonym Full Names | plasminogen activator, tissue                              |
| NCBI Official Symbol             | Plat                                                       |
| NCBI Official Synonym Symbols    | tPA; AU020998; AW212668; D8Ertd2e                          |
| NCBI Protein Information         | tissue-type plasminogen activator; t-plasminogen activator |
| UniProt Protein Name             | Tissue-type plasminogen activator                          |
| UniProt Gene Name                | Plat                                                       |
| UniProt Synonym Gene Names       | t-PA; t-plasminogen activator; tPA                         |
| UniProt Entry Name               | TPA_MOUSE                                                  |

**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/mouse-clia-kits/tissue-plasminogen-activator-tpa/189710>