

## Mouse transforming growth factor alpha, TGF-alpha ELISA Kit | TGF-alpha elisa kit

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CATALOG #  
**AAA41835**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

transforming growth factor alpha; TGF-alpha; Mouse transforming growth factor alpha; TGF-alpha ELISA Kit; TGF-alpha elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 173                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 1ng/L - 100ng/L                                                          |
| Sensitivity             | 0.64ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TGF-alpha elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Transforming Growth Factor Alpha (also known as TGF-?) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse TGF-? antibody. TGF-? present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse TGF-? Antibody is added and binds to TGF-? in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TGF-? antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse TGF-?. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                         |                    |
|-------------------------|--------------------|
| NCBI GI #               | 297499581          |
| Molecular Weight        | 19,279 Da          |
| NCBI Official Full Name | TGF-alpha, partial |
| UniProt Protein Name    | TGF-alpha          |
| UniProt Gene Name       | tgfa               |

**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/mouse-elisa-kits/transforming-growth-factor-alpha-tgf-alpha/41835>