

## Mouse TGF-alpha (Transforming Growth Factor alpha) CLIA Kit | TGF-a clia kit

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CATALOG #  
**AAA171209**

REACTIVITY  
**Mouse**

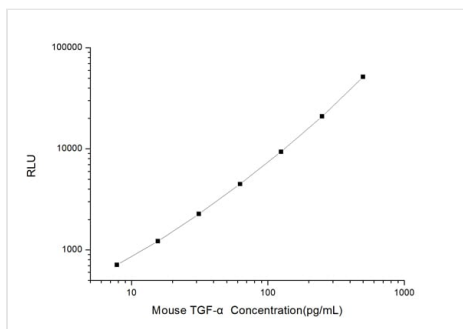
### PRODUCT SYNONYMS

TGF-alpha (Transforming Growth Factor alpha); Mouse TGF-alpha (Transforming Growth Factor alpha) CLIA Kit; Mouse TGF-a (Transforming Growth Factor a) CLIA Kit; Mouse TGF-a; TGF-a clia kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity      | Mouse                                                                                                                                                |
| Specificity     | This kit recognizes natural and recombinant TGF-alpha. No significant cross-reactivity or interference between TGF-alpha and analogues was observed. |
| Sequence Length | 13                                                                                                                                                   |
| Assay Type      | Sandwich                                                                                                                                             |
| Detection Range | 7.813-500pg/mL                                                                                                                                       |
| Sensitivity     | Min: 4.688pg/mL; Max: 500pg/mL                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TGF-a clia kit

**Intended Uses:** This CLIA kit applies to the in vitro quantitative determination of TGF-alpha concentrations in serum, plasma and other biological fluids.

**Principle of the Assay:** This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TGF-alpha. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TGF-alpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TGF-alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TGF-alpha. You can calculate the concentration of TGF-alpha in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 553791                                    |
| NCBI GeneID                      | 7039                                      |
| Molecular Weight                 | 17,329 Da                                 |
| NCBI Official Full Name          | transforming growth factor alpha, partial |
| NCBI Official Synonym Full Names | transforming growth factor, alpha         |
| NCBI Official Symbol             | TGFA                                      |
| NCBI Official Synonym Symbols    | TFGA                                      |
| NCBI Protein Information         | protransforming growth factor alpha       |
| UniProt Protein Name             | Protransforming growth factor alpha       |
| UniProt Gene Name                | TGFA                                      |
| UniProt Synonym Gene Names       | TGF-alpha; ETGF                           |
| UniProt Entry Name               | TGFA_HUMAN                                |

**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/tgf-a-mouse-clia-kits/tgf-alpha-transforming-growth-factor-alpha/171209>