

## Rat Telomere Repeat Binding Factor 2 (TRF2) ELISA Kit | TRF2 elisa kit

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CATALOG #  
**AAA120968**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Telomere Repeat Binding Factor 2 (TRF2); Rat Telomere Repeat Binding Factor 2 (TRF2) ELISA Kit; TRF2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 1715                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.05ng/ml - 20ng/ml                                                      |
| Sensitivity             | 0.022ng/ml                                                               |
| 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 TRF2 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Telomere Repeat Binding Factor 2 (also known as TRF2) 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 Rat TRF2 antibody. TRF2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat TRF2 Antibody is added and binds to TRF2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TRF2 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 Rat TRF2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 76446337                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 31773                                                                                                                                                                                                                                                           |
| Molecular Weight                 | 194,712 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | TRF2                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | TATA box binding protein-related factor 2                                                                                                                                                                                                                       |
| NCBI Official Symbol             | Trf2                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CG11195; CG18009; DmelCG18009; dTrf2; dTRF2; dTRF2L; dTRF2S; l(1)G0039; l(1)G0071; l(1)G0295; l(1)G0425; p79/TRF2; TLF; trf2; TRF2                                                                                                                              |
| NCBI Protein Information         | TATA box binding protein-related factor 2                                                                                                                                                                                                                       |
| UniProt Protein Name             | TATA box binding protein-related factor 2, isoform E                                                                                                                                                                                                            |
| UniProt Gene Name                | Trf2                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | CG11195ImportedAutomatic assertion inferred from database entriesiEMBL:ABW09355.1; DmelCG18009ImportedAutomatic assertion inferred from database entriesiEMBL:ABW09355.1; dTRF2ImportedAutomatic assertion inferred from database entriesiEMBL:ABW09355.1; dTrf |

**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/telomere-repeat-binding-factor-2-trf2/120968>