

## Mouse Trinucleotide Repeat-Containing Gene 6A Protein (TNRC6A) ELISA Kit | TNRC6A elisa kit

Mouse Trinucleotide Repeat-Containing Gene 6A Protein (TNRC6A) ELISA Kit

CATALOG #  
**AAA332102**

REACTIVITY  
**Mouse**

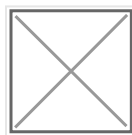
### PRODUCT SYNONYMS

Trinucleotide Repeat-Containing Gene 6A Protein (TNRC6A); Mouse Trinucleotide Repeat-Containing Gene 6A Protein (TNRC6A) ELISA Kit; TNRC6A; CAGH26; DKFZp666E117; FLJ22043; GW1; GW182; KIAA1460; MGC75384; TNRC6; CAG repeat protein 26; EDIE; GW182 autoantigen; glycine-tryptophan protein of 182 kDa; trinucleotide repeat-containing gene 6A; TNRC6A elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Mouse Trinucleotide repeat-containing gene 6A protein (TNRC6A) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TNRC6A. No significant cross-reactivity or interference between Mouse TNRC6A and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length         | 1896                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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. Mouse Trinucleotide repeat-containing gene 6A protein (TNRC6A) Standard Curve.

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TNRC6A elisa kit | <p>Description: This Mouse Trinucleotide repeat-containing gene 6A protein (TNRC6A) ELISA Kit employs a two-site sandwich ELISA to quantitate TNRC6A in samples. An antibody specific for TNRC6A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNRC6A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNRC6A 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 TNRC6A bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: Trinucleotide repeat-containing gene 6A protein is a member of the trinucleotide repeat containing 6 protein family. The protein functions in post-transcriptional gene silencing through the RNA interference (RNAi) and microRNA pathways. The protein associates with messenger RNAs and Argonaute proteins in cytoplasmic bodies known as GW-bodies or P-bodies. Inhibiting expression of this gene delocalizes other GW-body proteins and impairs RNAi and microRNA-induced gene silencing. Plays a role in RNA-mediated gene silencing by both micro-RNAs (miRNAs) and short interfering RNAs (siRNAs). Required for miRNA-dependent repression of translation and for siRNA-dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 117190552                                                                   |
| NCBI GeneID                      | 233833                                                                      |
| NCBI Accession #                 | NP_659174.3                                                                 |
| NCBI GenBank Nucleotide #        | NP_659174.3                                                                 |
| UniProt Accession #              | Q3UHK8                                                                      |
| NCBI Official Full Name          | trinucleotide repeat-containing gene 6A protein                             |
| NCBI Official Synonym Full Names | trinucleotide repeat containing 6a                                          |
| NCBI Official Symbol             | Tnrc6a                                                                      |
| NCBI Official Synonym Symbols    | GW182; Tnrc6; CAGH26; AW557223; 2010321I05Rik; 3110054G10Rik; D130023A07Rik |
| NCBI Protein Information         | trinucleotide repeat-containing gene 6A protein                             |
| UniProt Protein Name             | Trinucleotide repeat-containing gene 6A protein                             |
| UniProt Gene Name                | Tnrc6a                                                                      |
| UniProt Synonym Gene Names       | Kiaa1460                                                                    |
| UniProt Entry Name               | TNR6A_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://stage.aaabiotech.com/mouse-elisa-kits/trinucleotide-repeat-containing-gene-6a-protein-tnrc6a/332102>