

# Mouse Trinucleotide repeat-containing gene 18 protein (TNRC18) ELISA Kit

Catalog No: #EK6107

Package Size: #EK6107-1 48T #EK6107-2 96T

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Mouse Trinucleotide repeat-containing gene 18 protein (TNRC18) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	TNRC18;
Accession No.	Q80WC3
Uniprot	Q80WC3
GeneID	231861;
Storage	<p>The stability of ELISA 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.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TNRC18 in samples. An antibody specific for TNRC18 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNRC18 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNRC18 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 TNRC18 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:Eleven novel TPGs were discovered: DCP1A (decapping enzyme homologue A), (trinucleotide repeat containing 18), LAMC3 (laminin, g-3), NEBL (nebulette), NRIP3 (nuclear receptor interacting protein 3), C2CD3 (C2 calciumdependent domain containing 3), UBE4A (ubiquitination factor from the gel and subjected to DNA sequence analyses to obtain the patient-specific fusion sequences. The DCP1A gene encodes a homologue of the DCP1 decapping enzyme, involved in mRNA degradation.<sup>15</sup> The protein localizes in the mRNA processing body (P-body) that regulates degradation and abundance of RNA molecules (RNA decay). For TNRC18, no function is known. LAMC3 is a nonbasement membrane-associate filamentous protein that is downregulated or deleted in carcinomas.

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Note: This product is for in vitro research use only