# Human Tenascin-R (TNR) ELISA Kit

Catalog No: #EK6111

Package Size: #EK6111-1 48T #EK6111-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

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|---|---|
| Product Name | Human Tenascin-R (TNR) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | RP3-518E13.1; MGC149328; TN-R; OTTHUMP00000032802\|tenascin R |
| Accession No. | Q92752 |
| Uniprot | Q92752 |
| GeneID | 7143; |
| Storage | 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.<br>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). |

## 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 TNR in samples. An antibody specific for TNR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNR 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 TNR bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Tenascins are extracellular matrix glycoproteins. They are abundant in the extracellular matrix of developing vertebrate embryos and they reappear around healing wounds and in the stroma of some tumors.Tenascin-R is a tenascin gene.Tenascin-R is found in the developing and adult nervous system.

Tenascin-R (TNR) is an extracellular matix protein expressed primarily in the central nervous system. It is a member of the tenascin (TN) gene family, which includes at least 3 genes in mammals: TNC (or hexabrachion), TNX (TNXB), and TNR (Erickson, 1993). The genes are expressed in distinct tissues at different times during embryonic development and are present in adult tissues.

Note: This product is for in vitro research use only