

# Human Tumor necrosis factor receptor superfamily member 27 (EDA2R) ELISA Kit

Catalog No: #EK10499

Orders: order@signalwayantibody.com

Package Size: #EK10499-1 48T #EK10499-2 96T

Support: tech@signalwayantibody.com

## Description

Product Name	Human Tumor necrosis factor receptor superfamily member 27 (EDA2R) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	EDA-A2R; EDAA2R; TNFRSF27; XEDAR; EDA-A2 receptor X-linked ectodysplasin receptor X-linked ectodysplasin-A2 receptor tumor necrosis factor receptor superfamily member XEDAR
Accession No.	Q9HAV5
Uniprot	Q9HAV5
GeneID	60401;
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:0.156-10 ng/mL

Sensitivity:0.056 ng/mL

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 EDA2R in samples. An antibody specific for EDA2R has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyEDA2R present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EDA2R 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 EDA2R bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**EDA-A1 and EDA-A2 are two isoforms of ectodysplasin that are encoded by the anhidrotic ectodermal dysplasia (EDA) gene. Mutations in EDA give rise to a clinical syndrome characterized by loss of hair, sweat glands, and teeth. The protein encoded by this gene specifically binds to EDA-A2 isoform.

Tumor necrosis factor receptor superfamily member 27 is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. Multiple alternatively spliced transcript variants have been found for this gene, but some variants lack sufficient support.

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Note: This product is for in vitro research use only