

Human Ectodysplasin A2 Receptor (EDA2R) ELISA Kit | EDA2R elisa kit

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CATALOG #
AAA140755

REACTIVITY
Human

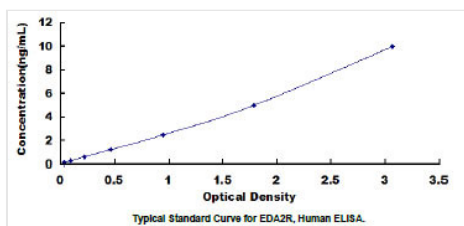
PRODUCT SYNONYMS

Ectodysplasin A2 Receptor (EDA2R); Human Ectodysplasin A2 Receptor (EDA2R) ELISA Kit; XEDAR; EDA-A2R; EDAA2R; TNFRSF27; X-linked ectodysplasin-A2 receptor; EDA2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EDA2R. No significant cross-reactivity or interference between EDA2R and analogues was observed.
Sequence Length	297
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates And Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EDA2R were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EDA2R were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EDA2R elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EDA2R in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to EDA2R. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to EDA2R. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EDA2R, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of EDA2R in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for EDA2R elisa kit	Ophthalmology & Otorhinolaryngology

NCBI AND UNIPROT INFORMATION

NCBI GI #	22028250
NCBI GeneID	60401
Molecular Weight	32,959 Da
NCBI Official Full Name	Ectodysplasin A2 receptor
NCBI Official Synonym Full Names	ectodysplasin A2 receptor
NCBI Official Symbol	EDA2R
NCBI Official Synonym Symbols	XEDAR; EDAA2R; EDA-A2R; TNFRSF27
NCBI Protein Information	tumor necrosis factor receptor superfamily member 27
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 27
UniProt Gene Name	EDA2R
UniProt Synonym Gene Names	TNFRSF27; XEDAR; EDA-A2 receptor
UniProt Entry Name	TNR27_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ectodysplasin-a2-receptor-eda2r/140755>