

## ARG82736 Human EDAR ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82736-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82736-002	Standard	2 X 10 ng/vial	4°C
ARG82736-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82736-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82736-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82736-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82736-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82736-008	25X Wash buffer	20 ml	4°C
ARG82736-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82736-010	STOP solution	10 ml (Ready to use)	4°C
ARG82736-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82736 Human EDAR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human EDAR in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	EDAR
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.4% Inter-Assay CV: 5.8%

**Alternate Names** ECTD10B; Ectodermal dysplasia receptor; DL; ECTD10A; EDA1R; Tumor necrosis factor receptor superfamily member EDAR; ED1R; Downless homolog; Ectodysplasin-A receptor; ED5; HRM1; ED3; EDA3; Anhidrotic ectodysplasin receptor 1; EDA-A1R; EDA-A1 receptor

## Application Instructions

**Assay Time** ~ 5 hours

## Properties

**Form** 96 well

**Storage instruction** Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

**Gene Symbol** EDAR

**Gene Full Name** ectodysplasin A receptor

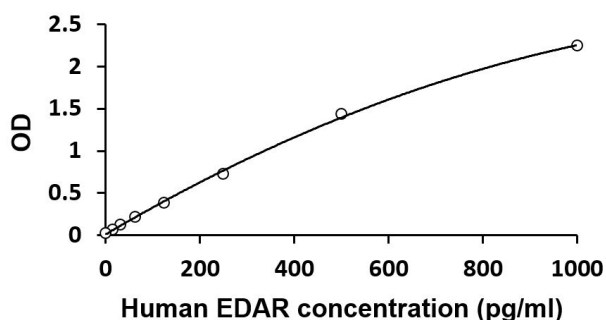
**Background** This gene encodes a member of the tumor necrosis factor receptor family. The encoded transmembrane protein is a receptor for the soluble ligand ectodysplasin A, and can activate the nuclear factor-kappaB, JNK, and caspase-independent cell death pathways. It is required for the development of hair, teeth, and other ectodermal derivatives. Mutations in this gene result in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia. [provided by RefSeq, Jul 2008]

**Function** Receptor for EDA isoform A1, but not for EDA isoform A2. Mediates the activation of NF-kappa-B and JNK. May promote caspase-independent cell death. [UniProt]

**Highlight** Related products:  
[EDAR antibodies](#); [EDAR ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

**Cellular Localization** Membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG82736 Human EDAR ELISA Kit standard curve image

ARG82736 Human EDAR ELISA Kit results of a typical standard run with optical density reading at 450 nm.