

## ARG82752 Human ANTXR2 / CMG2 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82752-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82752-002	Standard	2 X 10 ng/vial	4°C
ARG82752-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82752-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82752-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82752-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82752-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82752-008	25X Wash buffer	20 ml	4°C
ARG82752-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82752-010	STOP solution	10 ml (Ready to use)	4°C
ARG82752-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82752 Human ANTXR2 / CMG2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ANTXR2 / CMG2 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	ANTXR2 / CMG2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 6.6%

Alternate Names JHF; HFS; CMG-2; ISH; Capillary morphogenesis gene 2 protein; CMG2; Anthrax toxin receptor 2

## 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 ANTXR2

Gene Full Name anthrax toxin receptor 2

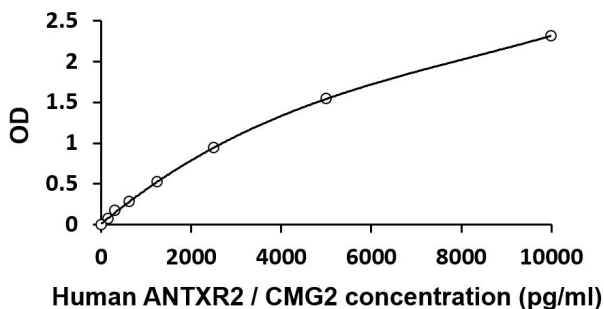
Background This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Function Necessary for cellular interactions with laminin and the extracellular matrix. [UniProt]

Highlight Related products:  
[ANTXR2 antibodies](#); [ANTXR2 ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Isoform 1: Cell membrane; Single-pass type I membrane protein. Note=Expressed at the cell surface. Isoform 2: Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Expressed predominantly within the endoplasmic reticulum and not at the plasma membrane. Isoform 3: Secreted. [UniProt]

## Images



ARG82752 Human ANTXR2 / CMG2 ELISA Kit standard curve image

ARG82752 Human ANTXR2 / CMG2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.