

Human ECM1 ELISA Kit | ECM1 elisa kit

Human ECM1 ELISA Kit

CATALOG #
AAA258357

REACTIVITY
Human

PRODUCT SYNONYMS

ECM1; Human ECM1 ELISA Kit; ECM1 ELISA Kit; Human; extracellular matrix protein 1; URBWD ELISA Kit; ECM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human ECM1 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	46.88-3000pg/mL
Sensitivity	6.38pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

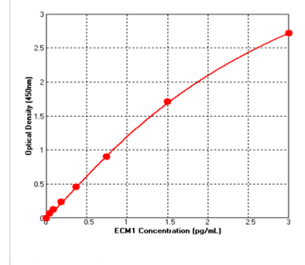
IMAGES

Recombinant human			
IL-1	IL-2	IL-33	IL-10
IL-8	TNF- α	IL-4	IL-6
IFN- γ	MIP-1 β	TIMP-1	TIMP-2
GM-CSF	SCF	PDGF	VEGF
Recombinant mouse			
ECM1			

Application Data

This assay recognizes both recombinant and natural Human ECM1. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.

Concentration (pg/mL)	Zero standard subtracted OD
0	0
46.88	0.061
93.75	0.122
187.5	0.237
375	0.456
750	0.898
1500	1.708
3000	2.717



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for ECM1 elisa kit	This ECM1 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human ECM1 protein in Serum. It contains recombinant Human ECM1, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Extracellular matrix protein 1 (ECM1) is a secreted glycoprotein and playing a pivotal role in endochondral bone formation, angiogenesis, and tumour biology. Three splice variants have been identified: ECM1a (540 aa) is most widely expressed, with highest expression in the placenta and heart; ECM1b (415 aa) is differentiation-dependent expressed and found only in tonsil and associated with suprabasal keratinocytes; ECM1c (559 aa) accounts for approximately 15% of skin ECM1. Although ECM1 is not tumor specific, is significantly elevated in many malignant epithelial tumors and is suggested as a possible trigger for angiogenesis, tumor progression and malignancies. It also has been shown to regulate endochondral bone formation, skeletal development and tissue remodeling.
References	Oyama N, et al. (2003) Autoantibodies to extracellular matrix protein 1 in lichen sclerosus. Lancet. 362(9378): 118-23. Chan I, et al. (2004) Rapid diagnosis of lipid proteinosis using an anti-extracellular matrix protein 1 (ECM1) antibody. J Dermatol Sci. 35(2): 151-3. Lupo I, et al. (2005) A novel mutation of the extracellular matrix protein 1 gene (ECM1) in a patient with lipid proteinosis (Urbach-Wiethe disease) from Sicily. Br J Dermatol. 153(5): 1019-22. Sander CS, et al. (2006) Expression of extracellular matrix protein 1 (ECM1) in human skin is decreased by age and increased upon ultraviolet exposure. Br J Dermatol. 154(2): 218-24.

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://www.aaabiotech.com/human-elisa-kits/ecm1/258357>