

# Product Datasheet

## Human TIMP-2 ELISA Kit (Colorimetric) KA0549

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA0549****Human TIMP-2 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	7077
<b>Gene Symbol</b>	TIMP2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Kit Components</b>	96-well plate precoated with anti- human TIMP-2 antibody, Lyophilized recombinant human TIMP-2 standard, Biotinylated anti- human TIMP-2 antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution, Adhesive cover
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	156 to 10000 pg/mL
<b>Sensitivity</b>	2 pg/mL
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	TIMP2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human TIMP2.

**Publications**

Hammani K, Blakis A, Morsette D et al. Structure and characterization of the human tissue inhibitor of metalloproteinases-2 gene. J Biol Chem. 1996-10-11 [PMID: 8810321]

De Clerck Y, Szpirer C, Aly MS et al. The gene for tissue inhibitor of metalloproteinases-2 is localized on human chromosome arm 17q25. Genomics. 1992-11-01 [PMID: 1427908]

Seo DW, Li H, Guedez L et al. TIMP-2 mediated inhibition of angiogenesis: an MMP-independent mechanism. Cell. 2003-07-25 [PMID: 12887919]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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