

Datasheet for ABIN4881618 **TIMP2 ELISA Kit**

[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	TIMP2
Reactivity:	Human, Horse
Method Type:	Sandwich ELISA
Detection Range:	16.38-4000 pg/mL
Minimum Detection Limit:	16.38 pg/mL
Application:	ELISA

Product Details

Purpose:	Equine TIMP-2 ELISA Kit for Serum, Plasma, and Cell Culture Supernatants.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Equine TIMP-2.
Sensitivity:	4 pg/mL
Characteristics:	• Strip plates and additional reagents allow for use in multiple experiments • Quantitative protein detection • Establishes normal range • The best products for confirmation of antibody array data
Components:	• Pre-Coated 96-well Strip Microplate

Product Details

- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

- Material not included:
- Distilled or deionized water
 - Precision pipettes to deliver 2 µL to 1 µL volumes
 - Adjustable 1-25 µL pipettes for reagent preparation
 - 100 µL and 1 liter graduated cylinders
 - Tubes to prepare standard and sample dilutions
 - Absorbent paper
 - Microplate reader capable of measuring absorbance at 450nm
 - Log-log graph paper or computer and software for ELISA data analysis

Target Details

- Target: TIMP2
- Alternative Name: TIMP-2 ([TIMP2 Products](#))
- UniProt: [O77717](#)
- Pathways: [cAMP Metabolic Process](#)

Application Details

- Application Notes: Recommended Dilution for serum and plasma samples2 fold
- Sample Volume: 100 µL
- Plate: Pre-coated
- Protocol:
1. Prepare all reagents, samples and standards as instructed in the manual.
 2. Add 100 µL of standard or sample to each well.
 3. Incubate 2.5 h at RT or O/N at 4 °C.
 4. Add 100 µL of prepared biotin antibody to each well.
 5. Incubate 1 h at RT.
 6. Add 100 µL of prepared Streptavidin solution to each well.
 7. Incubate 45 min at RT.
 8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
 9. Incubate 30 min at RT.
 10. Add 50 µL of Stop Solution to each well.

Application Details

	11. Read at 450 nm immediately.
Restrictions:	For Research Use only
Handling	
Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.
Expiry Date:	6 months