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Datasheet for ABIN4884955
COMP ELISA Kit

Overview

Quantity: 96 tests

Target: COMP

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Custom Human Thrombospondin-5 (COMP) ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: The antibody pair provided in this kit recognizes Human Thrombospondin-5 (COMP)

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
- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody

Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 μ L to 1 μ L volumes
- Adjustable 1-25 μ L pipettes for reagent preparation
- 100 μ L 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:	COMP
Alternative Name:	Thrombospondin 5 (COMP Products)
Gene ID:	1311
UniProt:	P49747

Application Details

Sample Volume:	100 μ L
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none">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 $^{\circ}$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.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