Datasheet for ABIN4881995

C1QTNF1 ELISA Kit

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Overview

Quantity:	96 tests
Target:	C1QTNF1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.61-150 ng/mL
Minimum Detection Limit:	0.61 ng/mL
Application:	ELISA

Product Details

Purpose:	Human C1qTNF1 ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects human C1qTNF1. Other species not determined.
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

Product Details

	• 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:	C1QTNF1
Alternative Name:	C1qTNF1 (C1QTNF1 Products)
Gene ID:	114897
UniProt:	Q9BXJ1

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples50 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. 11. Read at 450 nm immediately.

Application Details

Restrictions:	For Research Use only

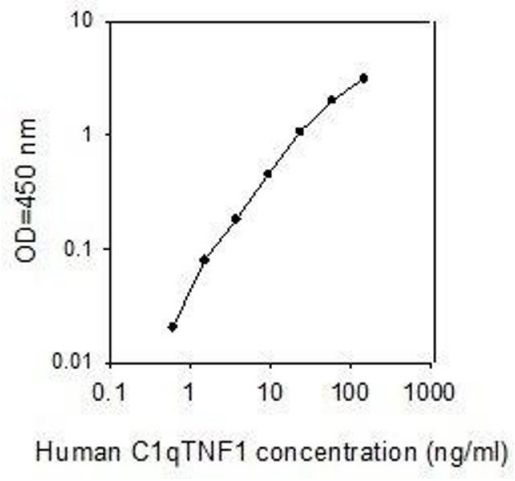
Handling

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

Publications

Product cited in:	Menkhorst, Gamage, Cuman, Kaituu-Lino, Tong, Dimitriadis: "Galectin-7 acts as an adhesion molecule during implantation and increased expression is associated with miscarriage." in: **Placenta**, Vol. 35, Issue 3, pp. 195-201, (2014) (PubMed). Menkhorst, Koga, Van Sinderen, Dimitriadis: "Galectin-7 serum levels are altered prior to the onset of pre-eclampsia." in: **Placenta**, Vol. 35, Issue 4, pp. 281-5, (2014) (PubMed). Evans, Yap, Gamage, Salamonsen, Dimitriadis, Menkhorst: "Galectin-7 is important for normal uterine repair following menstruation." in: **Molecular human reproduction**, Vol. 20, Issue 8, pp. 787-98, (2014) (PubMed).

Images



ELISA

Image 1.