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Datasheet for ABIN4884271

Presenilin 1 ELISA Kit

Overview

Quantity:	96 tests
Target:	Presenilin 1 (PSEN1)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	10.5-2500 pg/mL
Minimum Detection Limit:	10.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Human Presenilin 1 ELISA Kit for serum, plasma, and cell culture supernatant samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: human B7-2 (CD86), BAFF R, Calcitonin, Calsyntenin-1, Cathepsin E, cIAP-2 (HIAP-1), Coagulation Factor VII, Complement MASP3, Endocan, EphA2, EphB4, Ephrin-A4, FGF-23, FGF-5, Flt-3 (Flk-2), GLP-1 (7-37 & 7-36-NH2), Glypican 2, GM-CSF R alpha, GP73 (GOLM1), HTRA2 (Omi), IL-20 R alpha, IL-4 R alpha, JAM-C, LH, Matrilin-3, Meprin alpha (MEP1A), MSP R (Ron), N-Cadherin, Neprilysin-2 (MMEL1), NKp44, PAPP-A, PTH, Pepsinogen II (PGC), PYY, SOX2, TFPI-2, TRACP (ACP5), TFF3, Ubiquitin+1.

Product Details

Characteristics:	<ul style="list-style-type: none">• 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
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Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody• Streptavidin-Conjugated HRP• TMB One-Step Substrate
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Material not included:	<ul style="list-style-type: none">• 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
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Target Details

Target:	Presenilin 1 (PSEN1)
Alternative Name:	Presenilin 1 (PSEN1 Products)
Gene ID:	5663
UniProt:	P49768
Pathways:	Notch Signaling , EGFR Signaling Pathway , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.

Application Details

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.

Restrictions:	For Research Use only
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Handling

Storage:	-20 °C
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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.
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Expiry Date:	6 months
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