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Datasheet for ABIN5674682

TRPM7 ELISA Kit

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Overview

Quantity:	96 tests
Target:	TRPM7
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	78.125 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78.125 pg/mL
Application:	ELISA

Product Details

Sample Type:	Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	34 pg/mL
Components:	Pre-coated, ready to use 96-well strip plate Standard (freeze dried) Standard Diluent Detection Reagent A Detection Reagent B Assay Diluent A Assay Diluent B TMB Substhumane

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Product Details

	Stop Solution Wash Buffer(30 x concenthumane) Plate sealer for 96 wells Instruction manual
Material not included:	1. Microplate reader with 450 ± 10nm filter. 2. Precision single or multi-channel pipettes and disposable tips. 3. Eppendorf Tubes for diluting samples. 4. Deionized or distilled water. 5. Absorbent paper for blotting the microtiter plate. 6. Container for Wash Solution.

Target Details

Target:	TRPM7
Alternative Name:	Transient Receptor Potential Cation Channel Subfamily M, Member 7 (TRPM7) (TRPM7 Products)
Background:	Alternative name: CHAK, CHAK1, LTRPC7, TRP-PLIK, Channel-kinase 1, Long transient receptor potential channel 7
Gene ID:	58800
UniProt:	Q923J1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Assay Time:	1 - 4.5 h
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards 2. Add 100µL standard or sample to each well. Incubate 2 hours at 37℃ 3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37℃ 4. Aspirate and wash 3 times 5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37℃ 6. Aspirate and wash 5 times 7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37℃ 8. Add 50µL Stop Solution. Read at 450nm immediately.

Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C
Expiry Date:	12 months

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