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Datasheet for ABIN4886213

MSK1 ELISA Kit



Overview

Quantity:	96 tests
Target:	MSK1 (RPS6KA5)
Binding Specificity:	pSer376, total
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human Phospho-MSK1 (S376) & Total MSK1 ELISA Kit. This assay semi-quantitatively
	measures phophorylated MSK1 (Ser376) & Total MSK1 in lysate samples.
Sample Type:	Cell Lysate, Tissue Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes human MSK1 phosphorylated at site Serine-
	276 and total MSK1
Characteristics:	 Simultaneously measure Phosphorylated protein and pan protein in one experiment (for normalization purpose)
	Screen numerous different cell lysates without performing a Western Blot analysis
	Minimal hands-on time, convenient, and non-radioactive material
Components:	Pre-Coated 96-well Strip Microplate
	Wash Buffer

Product Details

- · Anti-Phospho Antibody
- · Anti-Pan Antibody
- · HRP-Conjugated Secondary Antibody
- · Streptavidin-Conjugated HRP
- · Assay Diluent
- · TMB One-Step Substrate
- · Stop Solution
- · Lysis Buffer
- · Positive Control Sample

Material not included:

- · Distilled or deionized water
- · 100 mL and 1 liter graduated cylinders
- Tubes to prepare sample dilutions
- · Protease and Phosphatase inhibitors
- Precision pipettes to deliver 2 µL to 1 mL volumes
- Adjustable 1-25 mL pipettes for reagent preparation
- · Benchtop rocker or shaker
- Microplate reader capable of measuring absorbance at 450 nm

Target Details

Target:	MSK1 (RPS6KA5)
Alternative Name:	MSK1 (RPS6KA5 Products)
Gene ID:	9252
UniProt:	075582
Pathways:	MAPK Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

Sample Volume:	100 μL
Plate:	Pre-coated Pre-coated
Protocol:	 Prepare all reagents and samples as instructed in the manual. Add 100 μL of sample or positive control to each well. Incubate 2.5 h at RT or O/N at 4 °C. Add 100 μL of prepared primary antibody to each well. Incubate 1 h at RT. Add 100 μL of prepared 1X HRP-Streptavidin to each well.

Application Details

	 7. Incubate 1 h 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:	Upon receipt, the kit should be stored at -20 °C. Please use within 6 months from the date of shipment. After initial use, Wash Buffer Concentrate (Item B), Assay Diluent (Item E), TMB One-Step Substrate Reagent (Item H), HRP-Streptavidin (Item G), Stop Solution (Item I) and Cell Lysate Buffer (Item J) should be stored at 4 °C to avoid repeated freeze-thaw cycles. Return unused wells to the pouch containing desiccant pack, reseal along entire edge and store at -20 °C. Reconstituted Positive Control (Item K) should be stored at -70 °C.
Expiry Date:	6 months