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Datasheet for ABIN2748615

RPS6 ELISA Kit



Overview

Quantity:	96 tests
Target:	RPS6
Binding Specificity:	pSer235, pSer236
Reactivity:	Human, Mouse, Rat
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human/Mouse/Rat Phospho-RPS6 (S235/S236) ELISA Kit. This assay semi-quantitatively
	measures phophorylated RPS6 (Ser235/S236) 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, mouse, or rat Phospho-RPS6
	(pSer235/Ser236).
Characteristics:	Rapidly measure phosphorylated protein in lysates
	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
	Anti-Phospho Antibody

Product Details

- · HRP-Conjugated Secondary Antibody
- · 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:	RPS6
Alternative Name:	RPS6 (RPS6 Products)
Background:	Ribosomal protein S6 phosphorylated at S235/S236
Gene ID:	6194
UniProt:	P62753
Pathways:	Carbohydrate Homeostasis, Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

Application Details

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

Application Betallo	
	9. Incubate 30 min at RT.
	10. Add 50 µL of Stop Solution to each well.
	11. Read at 450 nm immediately.
Assay Procedure:	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.
	Incubate 1 h at RT.
	Add 100 µL of TMB One-Step Substrate Reagent to each well.
	Incubate 30 min at RT.
	Add 50 µL of Stop Solution to each well.
	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