antibodies .- online.com





Datasheet for ABIN4885975

TR4 ELISA Kit



Overview

Quantity:	96 tests
Target:	TR4 (NR2C2)
Binding Specificity:	pThr69, pThr71
Reactivity:	Human, Mouse
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human and Mouse Phospho-ATF2 (Thr69/71) ELISA Kit. This assay semi-quantitatively measures phophorylated ATF2 (Thr69/71) in lysate samples.
Sample Type:	Cell Culture Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA kit recognizes Human and Mouse TAK1 phosphorylated at site Threonine-69/71.
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 HRP-Conjugated Secondary Antibody

Product Details

- · 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:	TR4 (NR2C2)
Alternative Name:	TAK1 (NR2C2 Products)
Gene ID:	1386
UniProt:	P15336, P16951
Pathways:	TCR Signaling, Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Tube Formation, Toll-Like Receptors Cascades

Application Details

Sample Volume: Plate:	100 μL	
	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 Details

	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