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Datasheet for ABIN4886068

EPH Receptor A7 ELISA Kit



Overview

Quantity:	96 tests
Target:	EPH Receptor A7 (EPHA7)
Binding Specificity:	рТуг
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Custom Human Phosphotyrosine EphA7 ELISA Kit. This assay semi-quantitatively measures phosphotyrosine EphA7 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 Tyrosine-Phosphorylated-EphA7.
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 Biotinylated Anti-Phosphotyrosine Antibody Stop Solution

Product Details

- Assay Diluent(s)
- Positive Control Sample
- · Lysis Buffer
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

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:	EPH Receptor A7 (EPHA7)
Alternative Name:	EphA7 (EPHA7 Products)
Gene ID:	2045
UniProt:	Q15375
Pathways:	RTK Signaling

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.
	9. Incubate 30 min at RT.
	10. Add 50 μL of Stop Solution to each well.
	11. Read at 450 nm immediately.

Application Details

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