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Datasheet for ABIN6810499

ROS1 ELISA Kit



Overview

96 tests
ROS1
pTyr
Human
Sandwich ELISA
ELISA
Human Phosphotyrosine ROS1 ELISA Kit. This assay semi-quantitatively measures tyrosine-phosphorylated ROS1 in cell lysate samples.
Cell Samples, Tissue Lysate
Semi-Quantitative
Colorimetric
This ELISA kit recognizes human ROS1 phosphotyrosine.
 Pre-Coated 96-well Strip Microplate Wash Buffer Biotinylated Anti-Phosphotyrosine Antibody Stop Solution Assay Diluent(s) Positive Control Sample Lysis Buffer

Product Details

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	TMB One-Step Substrate
Components:	Pre-Coated 96-well Strip Microplate
	Wash Buffer
	Biotinylated Anti-Phosphotyrosine Antibody
	Stop Solution
	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

Target Details

Target:	ROS1
Alternative Name:	ROS1 (ROS1 Products)
Gene ID:	6098
UniProt:	P08922
Pathways:	RTK Signaling

• Microplate reader capable of measuring absorbance at 450 nm

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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 μ L of prepared 1X HRP-Streptavidin to each well.
	7. Incubate 1 h at RT.

Application Details

Expiry Date:

6 months

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.