antibodies -online.com





Datasheet for ABIN6810504

FRS2 ELISA Kit



Overview

96 tests
FRS2
pTyr
Human, Mouse, Rat
Sandwich ELISA
ELISA
Human, Mouse and Rat Phosphotyrosine FRS2 ELISA Kit. This assay semi-quantitatively measures tyrosine-phosphorylated FRS2 in cell lysate samples.
Cell Samples, Tissue Lysate
Semi-Quantitative
Colorimetric
This ELISA kit recognizes human FRS2 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

- Todaot Botano	
	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:	FRS2
Alternative Name:	FRS2 (FRS2 Products)
Gene ID:	10818
UniProt:	Q8WU20, Q8C180
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling
	Pathway, Signaling Events mediated by VEGFR1 and VEGFR2

• 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 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