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Datasheet for ABIN4886099

FGFR1 ELISA Kit



Overview

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Quantity:	96 tests
Target:	FGFR1
Binding Specificity:	pTyr
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human Phosphotyrosine FGFR1 ELISA Kit. This assay semi-quantitatively measures
	phosphotyrosine FGFR1 in lysate samples.
Sample Type:	Cell Culture Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA kit recognizes human FGFR1 phosphotyrosine.
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 Distinct the death Discount of the death of the
	Biotinylated Anti-Phosphotyrosine Antibody Stan Solution
	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:	FGFR1
Alternative Name:	FGFR1 (FGFR1 Products)
Gene ID:	2260
UniProt:	P11362
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Sensory Perception of Sound, Stem Cell Maintenance, S100 Proteins

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.

Application Details

	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