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Datasheet for ABIN4889772 FYN ELISA Kit

2 Images



Overview

Quantity:	96 tests
Target:	FYN
Binding Specificity:	pTyr530, total
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Human Phospho-FYN (Tyr530) and Total FYN ELISA Kit. This assay semi-quantitatively measures FYN phosphorylated at Tyrosine-530 as well as total FYN in cell lysate samples.
Sample Type:	Cell Culture Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA kit recognizes Human FYN phosphorylated at site Tyrosine-530 as well as total FYN
Characteristics:	 Simultaneously measure Phosphorylated protein and pan protein in one experiment (for normalization purpose) 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

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	 Anti-Pan Antibody HRP-Conjugated Secondary Antibody Streptavidin-Conjugated HRP Assay Diluent TMB One-Step Substrate Stop Solution
	Lysis BufferPositive 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:	FYN
Alternative Name:	FYN (FYN Products)
Gene ID:	2534
UniProt:	P06241
Pathways:	JAK-STAT Signaling, TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Feeding Behaviour, CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, Activated T Cell Proliferation, Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	 Prepare all reagents and samples as instructed in the manual. Add 100 μL of sample or positive control to each well. Incubate 2.5 h at RT or O/N at 4 °C.

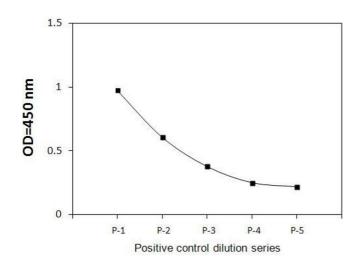
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4. Add 100 μ L of prepared primary antibody to each well.
5. Incubate 1 h at RT.
6. Add 100 μ L of prepared 1X HRP-Streptavidin to each well.
7. Incubate 1 h at RT.
8. Add 100 μ L of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 μL of Stop Solution to each well.
11. Read at 450 nm immediately.
For Research Use only
-20 °C
Upon receipt, the kit should be stored at -20 °C. Please use within 6 months from the date of
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
shipment. After initial use, Wash Buffer Concentrate (Item B), Assay Diluent (Item E), TMB One
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

Expiry Date:

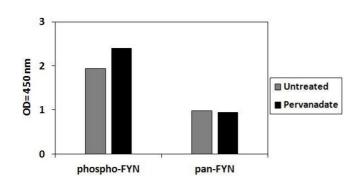
6 months

Images



ELISA

Image 1. Jurkat cells were treated with Pervanadate. Solubilize cells at 4×10^{7} cells/ml in Cell Lysate Buffer. Serial dilutions of lysates were analyzed in this ELISA.



ELISA

Image 2. 293 cells were treated or untreated with Pervanadate. Cell lysates were analyzed using this phosphoELISA and Western Blot.

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