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Datasheet for ABIN5691958

## MTOR FLISA Kit

### Overview

Quantity:	2 x 96 tests
Target:	MTOR (mTOR)
Binding Specificity:	pThr2446
Reactivity:	Human, Rat, Mouse
Method Type:	Cell ELISA
Application:	ELISA

### Product Details

Purpose:	The CytoFluor™ Phospho Cell-Based ELISAs provides a convenient method for high-throughput screening of the effects of various drugs, metabolites and various treatment effects on protein expression and phosphorylation profiles in whole cells.
Brand:	CytoFluor™
Sample Type:	Cell Culture Cells
Analytical Method:	Qualitative
Detection Method:	Fluorometric
Characteristics:	Detection of proteins from pg/mL to ng/mL concentrations - Convenient and ready-to-use - High-sensitivity, low background with exceptional signal-to-noise ratio - 450 nm colorimetric detection - Human, mouse and rat targets - For use with cell lysates, supernatants, sera and plasma

## Product Details

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Components:	2 x 96-Well Tissue Culture Microplates
	100x Anti-Phospho Target Primary Antibody
	100x Anti-Target Primary Antibody
	100x Anti-Control Primary Antibody
	Dye 1-Conjugated Anti-Rabbit IgG Secondary Antibody
	Dye 2-Conjugated Anti-Mouse IgG Secondary Antibody
	10x TBS
	15x Wash Buffer
	Quenching Buffer
	Blocking Buffer
	Primary Antibody Diluent
	SDS Solution
	Adhesive Plate Seals
	Technical Manual

## Target Details

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Target:	MTOR (mTOR)
Alternative Name:	mTOR ( <a href="#">mTOR Products</a> )
Gene ID:	2475
UniProt:	<a href="#">P42345</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">AMPK Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">BCR Signaling</a> , <a href="#">Warburg Effect</a>

## Application Details

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Application Notes:	Detection Range: At least 5000 cells/well
Assay Time:	4.5 h
Plate:	Uncoated
Restrictions:	For Research Use only

## Handling

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Storage: 4 °C

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Storage Comment: 4°C/6 Months

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Expiry Date: 6 months