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Datasheet for ABIN6951538

Beclin 1 ELISA Kit



Overview

Quantity:	96 tests
Target:	Beclin 1 (BECN1)
Binding Specificity:	pSer234
Reactivity:	Human, Rat, Mouse
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human/Mouse/Rat Phospho-Beclin-1 (S234) ELISA Kit. This assay semi-quantitatively
	measures phosphorylated Beclin-1 (Ser234) in lysate samples.
Sample Type:	Cell Lysate, Tissue Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes human, mouse, and rat Beclin-1
	phosphorylated at site Serine-234.
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
	Anti-Phospho Antibody

Product Details

- · HRP-Conjugated Secondary Antibody
- · Assay Diluent
- · TMB One-Step Substrate
- · Stop Solution
- · Lysis Buffer
- Positive 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:	Beclin 1 (BECN1)
Alternative Name:	Beclin-1 (BECN1 Products)
Gene ID:	8678
Pathways:	Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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.
	11. Read at 450 nm immediately.
Restrictions:	For Research Use only

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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