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Datasheet for ABIN5690831

BNIP3 ELISA Kit



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Overview

Quantity:	96 tests
Target:	BNIP3
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details				
Purpose:	Human BNIP3 ELISA Kit.			
Sample Type:	Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate			
Analytical Method:	Quantitative			
Detection Method:	Colorimetric			
Specificity:	This ELISA antibody pair recognizes Human BNIP3.			
Characteristics:	 Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data 			
Components:	 Pre-Coated 96-well Strip Microplate Wash Buffer Stop Solution Assay Diluent(s) Lyophilized Standard Biotinylated Detection Antibody 			

Product Details

- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	BNIP3
Alternative Name:	BNIP3 (BNIP3 Products)
Gene ID:	664
UniProt:	Q12983
Pathways:	Autophagy, Brown Fat Cell Differentiation

Application Details

Plate:	Pre-coated
Protocol:	Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 μL of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4 °C.
	4. Add 100 μL of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μL of prepared Streptavidin solution to each well.
	7. Incubate 45 min 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:	4 °C		
Expiry Date:	6 months		