antibodies -online.com





Datasheet for ABIN6810528

alpha Tubulin ELISA Kit

	1.77	
Go to l	Product	page

_			
	N/F	r\/I	=W

Quantity:	96 tests
Target:	alpha Tubulin (TUBA1)
Binding Specificity:	acetylated
Reactivity:	Human, Mouse, Rat
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human, Mouse, Rat Acetylated-Alpha Tubulin and Alpha Tubulin ELISA Kit. This ELISA is for
	measuring Acetylated-Alpha Tubulin in Human, Mouse, Rat cell lysates.
Sample Type:	Cell Lysate
Analytical Method:	Semi-Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes Human///Mouse///Rat Acetylated-Alpha
	Tubulin.
Characteristics:	 Simultaneously measure cleaved 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-cleaved Antibody
- · Anti-Pan Antibody
- · HRP-Conjugated Secondary Antibody
- · Streptavidin-Conjugated HRP
- · 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:	alpha Tubulin (TUBA1)
Alternative Name:	Alpha Tubulin (TUBA1 Products)
Gene ID:	7846
UniProt:	Q71U36
Pathways:	Microtubule Dynamics

Application Details

Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
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.	

Application Details

	10. Add 50 μL of Stop Solution to each well.
	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