

Product Datasheet

ATPase/GTPase Assay Kit (Colorimetric) KA1610

Unit Size: 1 Kit

Store at 4°C.

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KA1610**ATPase/GTPase Assay Kit (Colorimetric)****Product Information**

Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4°C.

Product Description

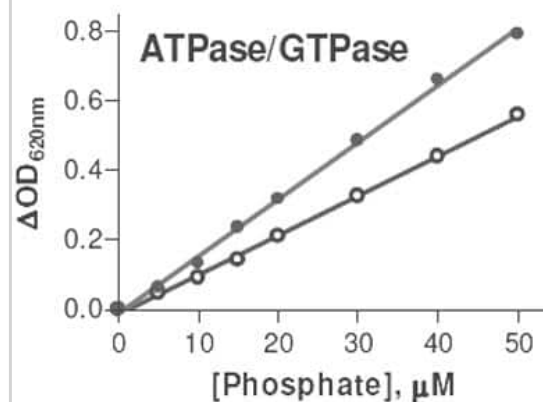
Description	ATPase/GTPase Assay Kit is a highly sensitive method for determining ATPase/GTPase activities.
Kit Components	Reagent 50mL, Assay Buffer 10 mL, Standard: 1 mM phosphate 1mL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.007 to 1.7 U/L for 30 minute incubation
Sensitivity	0.007 U/L
Assay Type	Colorimetric
Suitable Sample Type	ATPase and GTPase
Sample Volume	40 uL

Product Application Details

Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

ELISA: ATPase/GTPase Assay Kit [KA1610] - Phosphate assays in 96-well plate.



Publications

Indira C, Simran M, G R et al. Antiparasitic dibenzalacetone inhibits the GTPase activity of Rab6 protein of *Leishmania donovani* (LdRab6), a potential target for its antileishmanial effect. *Parasitol Res.* 2020-08-04 [PMID: 32748038]

Masoud P, Maryam T, Sevda Z et al. Artesunate, as a HSP70 ATPase activity inhibitor, induces apoptosis in breast cancer cells. *Int J Biol Macromol.* 2020-08-27 [PMID: 32861782]

Vahdani F, Ghafouri H, Sarikhan S et al. Molecular cloning, expression, and functional characterization of 70-kDa heat shock protein, DnaK, from *Bacillus halodurans*. *Int J Biol Macromol.* 2019-06-28 [PMID: 31260773]

Tianli L, Gan A, Xiaowei F et al. A *Phytophthora capsici* RXLR effector manipulates plant immunity by targeting RAB proteins and disturbing the protein trafficking pathway. *Mol Plant Pathol.* 2022-10-03 [PMID: 36193624]

Wang X, Chen Z, Fan X et al. Inhibition of DNM1L and mitochondrial fission attenuates inflammatory response in fibroblast-like synoviocytes of rheumatoid arthritis. *J Cell Mol Med.* 2019-11-21 [PMID: 31755231]

Jahangirizadeh Z, Ghafouri H, Sajedi RH et al. Molecular cloning, prokaryotic expression, purification, structural studies and functional implications of Heat Shock Protein 70 (Hsp70) from *Rutilus frisii kutum*. *Int J Biol Macromol* 2017-10-28 [PMID: 29107750]

Yu Q, Han X, Tian DL. et al. Deficiency of Functional Iron-Sulfur Domains in ABCE1 Inhibits the Proliferation and Migration of Lung Adenocarcinomas By Regulating the Biogenesis of Beta-Actin In Vitro. *Cell Physiol Biochem* 2017-11-17 [PMID: 29145194]





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