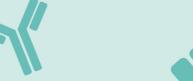
antibodies - online.com







Adenylate Kinase 1 ELISA Kit

96 tests



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Quantity:

Target:	Adenylate Kinase 1 (AK1)
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Human AK1 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 AK1.
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:	Adenylate Kinase 1 (AK1)
Alternative Name:	AK1 (AK1 Products)
UniProt:	P00568
Pathways:	Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process

Application Details

Application Notes: Optimal working dilution should be determined by the investigator. Protocol: 1. 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.	Application Details				
 Add 100 μl of standard or sample to each well. Incubate 2.5 h at RT or O/N at 4°C. Add 100 μl of prepared biotin antibody to each well. 	Application Notes:				
3. Incubate 2.5 h at RT or O/N at 4°C. 4. Add 100 µl of prepared biotin antibody to each well.	Protocol:				
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	Restrictions:				
Handling	Handling				
Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repea	Storage Comment:				
freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it					

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recommended to store at -80°C.

Expiry Date: 6 months