

Adenosine Triphosphate (ATP) ELISA Kit-Competitive

Cat. No.: EK2F38

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic General Adenosine Triphosphate (ATP) ELISA Kit-Competitive is designed for the quantitative determination of General Adenosine Triphosphate (ATP) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for General ATP.
Target Species	General
Species Reactivity	General
Detection Range	15.63-1000 ng/mL
Sensitivity	5.27 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Adenosine triphosphate (ATP) is a nucleotide that provides energy to drive and support many processes in living cells. Found in all known forms of life, it is often referred to as the "molecular unit of currency" of intracellular energy transfer. When consumed in metabolic processes, ATP converts either to adenosine diphosphate (ADP) or to adenosine monophosphate (AMP). Other processes regenerate ATP.

Target/Biomarker	General ATP
Target Synonym	Adenosine-5'-Triphosphate

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.