

Chicken Adenosine Diphosphate (ADP) ELISA Kit-Competitive

Cat. No.: EK1F744

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Chicken Adenosine Diphosphate (ADP) ELISA Kit-Competitive is designed for the quantitative determination of Chicken Adenosine Diphosphate (ADP) 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 Chicken ADP.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	23.44-1500 ng/mL
Sensitivity	7.17 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 diphosphate (ADP), also known as adenosine pyrophosphate (APP), is an important organic compound in metabolism and is essential to the flow of energy in living cells. ADP consists of three important structural components: a sugar backbone attached to adenine and two phosphate groups bonded to the 5 carbon atom of ribose. ADP can be interconverted to adenosine triphosphate (ATP) and adenosine monophosphate (AMP). Energy transfer used by all living things is a result of dephosphorylation of ATP by enzymes known as ATPases.

Target/Biomarker	Chicken ADP
Target Synonym	ADP

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.