

ARG83372 Adenosine Assay Kit

Package: 100 assay
Store at: -20°C

Summary

Product Description	ARG83372 Adenosine Assay Kit is an Assay kit for the quantification of Adenosine in Serum, Plasma, Urine, Cell culture supernatant, Tissue lysate and Cell lysate.
Tested Reactivity	All
Tested Application	FuncSt
Target Name	Adenosine
Conjugation	Un-conjugated
Conjugation Note	Read at 590 nm.
Sensitivity	0.85 µM
Sample Type	Serum, Plasma, Urine, Cell culture supernatants, Tissue lysate and Cell lysate.
Standard Range	1.56 - 100 µM
Sample Volume	50 µL

Application Instructions

Assay Time	~30 min
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Properties

Form	Liquid
Storage instruction	Store components at -20°C . Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	Adenosine (symbol A) is an organic compound that occurs widely in nature in the form of diverse derivatives. The molecule consists of an adenine attached to a ribose via a β -N9-glycosidic bond. Adenosine is one of the four nucleoside building blocks of RNA (and its derivative deoxyadenosine is a building block of DNA), which are essential for all life on earth. Its derivatives include the energy carriers adenosine mono-, di-, and triphosphate, also known as AMP/ADP/ATP. Cyclic adenosine monophosphate (cAMP) is pervasive in signal transduction. Adenosine is used as an intravenous medication for some cardiac arrhythmias.
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