

ARG83372 Adenosine Assay Kit

Package: 100 assay
Store at: -20°C

Summary

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| 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

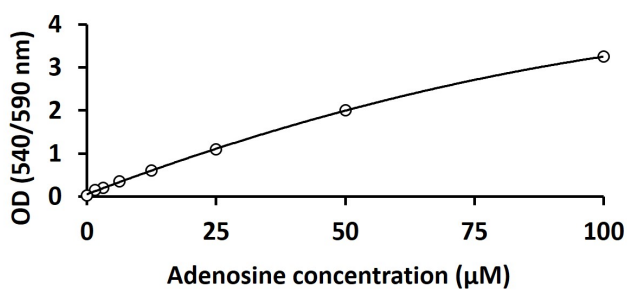
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| Assay Time | ~30 min |
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Properties

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| 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

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| 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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ARG83372 Adenosine Assay Kit standard curve image

ARG83372 Adenosine Assay Kit results of a typical standard run with optical density reading at 450 nm.