CREATIVE BIOMART®
Assay Kit

cAMP Activity Assay Kit

Product Information

Cat.No. Kit-0148

Product Overview

The kit can detect ~0.1-10 pmol/5 µl (or ~ 0.02-2 µM) cAMP samples. (100 assays) Simple procedureFast and convenientThe assay is sensitive, stable and high-throughput adaptableThe kit provides a new acetylation procedure to improve detection sensitivity significantly

Size

100 assays

Description

Adenosine 3",5"-cyclic monophosphate (cyclic AMP, cAMP) is an important "second messenger" involved in many physiological processes. cAMP Assay Kit provides a direct competitive immunoassay for sensitive and quantitative determination of cAMP level in biological samples. The kit utilizes recombinant Protein G coated 96-well plate to efficiently anchor cAMP polyclonal antibody onto the plate. cAMP-HRP conjugate directly competes with cAMP from sample binding to the cAMP antibody on the plate. After incubation and washing, the amount of cAMP-HRP bound to the plate can easily be determined by reading HRP activity at OD450 nm. The intensity of OD450 nm is inversely proportional to the cAMP concentration in samples. The kit provides a new acetylation procedure to improve detection sensitivity significantly. The kit can detect ~0.1-10 pmol/well (or ~ 0.02 -2 µM) cAMP samples.

Applications

The kit can detect ~0.1-10 pmol/5 µl (or ~ 0.02-2 µM) cAMP samples.

Target Species

Mammalian

Usage

This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.

Kit Components

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

CREATIVE BIOMART®
Assay Kit

cAMP Activity Assay Kit

10X cAMP Assay BufferStandard cAMP (10 nmol)Neutralizing BufferAcetylating Reagent AAcetylating Reagent BRabbit Anti-cAMP pAbHRP DeveloperProtein G Coated Plate

Detection method Colorimetric

Compatible Sample Types

Cell Culture SupernatantsPlasmaSerumTissue LysatesUrineCell Lysates

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA