CREATIVE BIOMART®
Assay Kit

PARP2 Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1799

Product Overview

PARP2 is known to catalyze the NAD-dependent addition of poly (ADP-ribose) to histones.

Size

96 reactions

Description

The PARP2 Chemiluminescent Activity Assay kit is designed to measure PARP2 activity for screening and profiling applications. The key to the PARP2 Chemiluminescent Activity Assay is the biotinylated substrate. With this kit, only three simple steps are required for PARP2 reactions. First, histone proteins are coated on a 96-well plate. Next, the PARP2 biotinylated substrate is incubated with the assay buffer that contains the PARP2 enzyme. Finally, the plate is treated with streptavidin-HRP followed by addition of the HRP substrate to produce a chemiluminescence that can then be measured using a chemiluminescence reader.

Applications

Great for studying enzyme kinetics and screening small molecular inhibitors for drug discovery and HTS applications.

Storage

12 months from date of receipt, when stored as directed. Kit components require different storage conditions. Be sure to store each component at the proper temperature upon arrival.

Kit Components

PARP2: 5 µg; -80°C 5x histone mixture: 1 ml; -80°C 10x Assay Mixture Containing Biotinylated Substrate: 300 µl; -80°C 10x PARP assay buffer: 1 ml; -20°C Blocking buffer: 25 ml; +4°C Activated DNA (5x): 500 µl; -80°C Streptavidin-HRP: 100 µl; +4°C HRP chemiluminescent substrate A (translucent bottle): 6 ml; +4°C HRP chemiluminescent substrate B (brown bottle): 6 ml; +4°C 96-well module plate: 1; Room Temp.

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