CREATIVE BIOMART®
Assay Kit

PARP3 Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1802

Product Overview

PARP3 is known to catalyze the NAD-dependent addition of poly (ADP-ribose) to histones.

Size

96 reactions

Description

The PARP3 Chemiluminescent Activity Assay kit is designed to measure PARP3 activity for screening and profiling applications. The key to the PARP3 Chemiluminescent Activity Assay is the biotinylated substrate. With this kit, only three simple steps are required for PARP3 reactions. First, histone proteins are coated on a 96-well plate. Next, the PARP biotinylated substrate is incubated with the assay buffer that contains the PARP3 enzyme. Finally, the plates are 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

PARP3: 20 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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