CREATIVE BIOMART®
Assay Kit

PARP10 Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1795

Product Overview

PARP10 has been shown to catalyze NAD-dependent mono-ribosylation.

Size

96 reactions

Description

The PARP10 Chemiluminescent Assay Kit is designed to measure PARP10 activity for screening and profiling applications. The key to the PARP10 Chemiluminescent Assay Kit is the biotinylated substrate. With this kit, only three simple steps are required for PARP10 reactions. First, histone proteins are coated on a 96-well plate. Next, the PARP biotinylated substrate is incubated with an assay buffer that contains the PARP10 enzyme. Finally, the plates are treated with streptavidin-HRP followed by addition of the HRP substrate to produce 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

PARP10: 10 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 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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