CREATIVE BIOMART®
Assay Kit

PARP7 (TIPARP) Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1804

Product Overview

PARP7, also known as TCDD-inducible poly(ADP-ribose) polymerase or TIPARP, catalyzes NAD-dependent ribosylation.

Size

96 reactions

Description

The PARP7 Chemiluminescent Activity Assay kit is designed to measure PARP7 activity for screening and profiling applications. The key to the PARP7 Chemiluminescent Activity Assay is the biotinylated substrate. With this kit, only three simple steps are required for PARP7 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 PARP7 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

PARP7: 40 µg; -80°C 5x histone mixture: 1 ml; -80°C Opti-PARP 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 Max 96-well module plate: 1; Room Temp.

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