CREATIVE BIOMART®
Assay Kit

PARP15 Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1798

Product Overview

PARP15 (also known as BAL3 or ARTD7) is a transcriptional repressor that exhibits poly(ADP-ribose) polymerase activity.

Size

96 reactions

Description

The PARP15 Chemiluminescent Assay Kit is designed to measure PARP15 activity for screening and profiling applications. The key to the PARP15 Chemiluminescent Assay Kit is the biotinylated substrate. With this kit, only three simple steps are required for PARP15 reactions. First, histone proteins are coated onto the wells of the strip-plate. Next, the PARP biotinylated substrate is incubated with an assay buffer that contains the PARP15 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

PARP15: 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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