CREATIVE BIOMART®
Assay Kit

PARP2 Homogeneous Assay Kit

Product Information

Cat.No. Kit-1801

Product Overview

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

Size

384 reactions

Description

The PARP2 Homogeneous Assay Kit is designed to measure PARP2 activity for screening and profiling applications. The key to the PARP2 Homogeneous Assay Kit is a highly specific antibody that recognizes PARylated substrate. With this kit, only three simple steps are required for PARP2 reactions. First, a sample containing PARP2 enzyme is incubated with activated DNA and biotinylated substrate for one hour. Next, acceptor beads and primary antibody are added, then donor beads, followed by reading the Alpha-counts.

Applications

Great for studying enzyme kinetics and HTS applications.

Storage

Stable at least 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

ARP2: 30 μg; -80°C NAD+: 400 μl; -20°C Activated DNA: 600 μl; -80°C Primary antibody 11: 40 μl; -80°C Biotinylated histone substrate: 400 μl; -80°C 10x PARP assay buffer: 1 ml; -20°C 4x Detection buffer: 2 ml; -20°C

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