CREATIVE BIOMART®
Assay Kit

TNKS2 Histone Ribosylation Assay Kit (Biotin-labeled NAD+) I

Product Information

Cat.No. Kit-1886

Product Overview

TNKS2 catalyzes the NAD-dependent addition of poly (ADP-ribose) to the substrate proteins.

Size

96 reactions

Description

The TNKS2 Histone Ribosylation Assay Kit (Biotin-labeled NAD+) is designed to measure Tankyrase 2 (TNKS2) activity for screening and profiling applications. The key to the TNKS2 Histone Ribosylation Assay is the biotinylated NAD+ substrate. With this kit, only three simple steps are required for TNKS2 reactions. First, histone proteins are coated on a 96-well plate. Next, the biotinylated NAD+ substrate is incubated with an assay buffer that contains the TNKS2 enzyme. Finally, the plate is treated with streptavidin-HRP followed by addition of the HRP substrate to produce chemiluminescence that can 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

TNKS2: 2 µg; -80°C 5 x histone mixture: 1 ml; -80°C10x Assay Mixture Containing Biotinylated Substrate: 300 μl; -80°C10x PARP Assay Buffer: 1 ml; -80°CBlocking buffer: 25 ml; +4°CStreptavidin-HRP: 100 μ; +4°CHRP chemiluminescent substrate (2 components): 6 ml each; +4°C 96-well module: 1; Room Temperature

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