CREATIVE BIOMART®
Assay Kit

TNKS1 Histone Ribosylation Assay Kit (Antibody Detection) I

Product Information

Cat.No. Kit-1879

Size

96 reactions

Description

The Tankyrase-1 Histone Ribosylation Assay Kit (Antibody Detection) is designed to measure Tankyrase-1 activity for screening and profiling applications. The key to the Tankyrase-1 Histone Ribosylation Assay Kit (Antibody Detection) is a highly specific antibody that recognizes poly (ADP-ribose)-modified histone. After coating the plate with the histone mixture, only three simple steps are required. First, NAD+ is incubated with a sample containing assay buffer and enzyme for one hour. Next, primary antibody is added. Finally, the plate is treated with an HRP-labeled secondary antibody 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

TNKS1: 2 µg; -80°C 5 x histone mixture: 1 ml; -80°CNAD+ : 250 µl; -80°C10x PARP Assay Buffer: 1 ml; -80°CPrimary antibody 11: 13 µl; -80°C Secondary HRP-labeled antibody 1: 10 µl; -80°CBlocking buffer: 80 ml; +4°C HRP chemiluminescent substrate A (2 components): 6 ml each; +4°C 8-well strip plate module: 1 plate (12 x 8-well strips); +4°C

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