



# 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<sup>+</sup> 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°C NAD<sup>+</sup> : 250 µl; -80°C 10x PARP Assay Buffer: 1 ml; -80°C Primary antibody 11: 13 µl; -80°C Secondary HRP-labeled antibody 1: 10 µl; -80°C Blocking 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