

# **TNKS2 Histone Ribosylation Assay Kit (Antibody Detection) I**

## **Product Information**

### **Cat.No.**

Kit-1884

### **Size**

96 reactions

### **Description**

The Tankyrase-2 Histone Ribosylation Assay Kit (Antibody Detection) is designed to measure Tankyrase-2 activity for screening and profiling applications. The key to the Tankyrase-2 Histone Ribosylation Assay Kit is a highly specific antibody that recognizes poly (ADP-ribose) modified histone. With this kit, only three simple steps on a microtiter plate are required for Tankyrase-2 reaction. 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 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**

TNKS2: 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