CREATIVE BIOMART®
Assay Kit

Methyltransferase HT activity Kit

Product Information

Cat.No. Kit-0611

Product Overview

Universal-suitable for any SAM-dependent MTFlexible-add desired amount of SAMSensitive-fluorescent detection allows for both DNA and protein assaysSimple-homogeneous mix-and-read plate-based assay

Size

96 wells

Description

A QuantiZyme Assay System. The Methyltransferase HT activity kit is a homogeneous mix-and-read fluorescent assay for the determination of any S-adenosyl-L-methionine (AdoMet/SAM) dependent methyltransferase activity. It is suitable for end-point or kinetic read options, which is ideal for determining mechanism of action, kinetics, and screening candidate compounds. This kit is ideal for high throughout (HT) applications as the SAM is provided separately giving you the flexibility to titrate the SAM to be in excess for your specific MT of interest. This is ideal for driving kinetics of low turnover enzymes and getting more utility by using less precious sample.

Applications

Fluorescence microscopy, HTS. For the measurement of AdoMet-dependent methyltransferase activity in purified in vitro samples that do not contain reductants from any species.

Storage

Store assay buffer +4°C, and all other components at -20°C.

Kit Components

Black Microtiter plate, SAM-Free Reaction buffer, Assay buffer, Detection solution, SAM, Positive control

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