CREATIVE BIOMART®
Assay Kit

UTX (KDM6A) Homogeneous Assay Kit

Product Information

Cat.No. Kit-1890

Product Overview

UTX, also known as KDM6A, is a JmjC-domain protein that exhibits demethylation activity toward di- and trimethyl-lysine 27 (H3K27me2/3) on histone H3

Size

384 reactions

Description

The UTX Homogeneous Assay Kit is designed to measure the activity of UTX for screening and profiling applications. The key to the UTX Homogeneous Assay Kit is a highly specific antibody that recognizes demethylated substrate. With this kit, only three simple steps on a microtiter plate are required for demethylase activity detection. First, UTX enzyme is incubated with the biotinylated substrate. Next, acceptor beads and primary antibody are added, then donor beads, followed by reading the Alpha-counts.

Applications

Great for studying enzyme kinetics and HTS applications.

Storage

At least one year from date of receipt when stored as directed.

Kit Components

UTX (KDM6A), N-term DYKDDDDK-tag: 20 µg; -80°C Primary antibody 6: 25 μl; -80°CBiotinylated histone H3 peptide substrate (UTX): 500 rxns; -80°C 4x UTX assay buffer 1: 2 ml; -20°C4x UTX assay buffer 2 (Incomplete Buffer): 1 ml; -20°C4x Detection buffer 1: 2 ml; -20°C

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