CREATIVE BIOMART®
Assay Kit

BRM bromodomain TR-FRET Assay Kit

Product Information

Cat.No. Kit-1935

Size

9600 wells

Description

The SWI/SNF family of ATP-dependent chromatin remodeling enzymes catalyzes structural changes that allow proteins to access the nucleosomal DNA, alter the position of the nucleosomes on the DNA, or eject the histone octamer from the template. Mammalian SWI/SNF remodelers contain either BRM (SMARCA2) or BRG1 (SMARCA4) as their catalytic subunit. These subunits also contain a C-terminal bromodomain that binds to acetylated residues on histone tails. Small molecule inhibitors of BRM interactions with peptide binding partners hold promise as useful therapeutics for human disease. The BRM bromodomain TR-FRET Assay Kit is a homogeneous, TR-FRET assay method amenable to rapid characterization of inhibitors of bromodomain/acetylated peptide interaction in a high throughput format. This screening assay is robust, displaying a Z" >0.6.

Storage

-80°C

Kit Components

BRM bromodomain Europium Chelate: 1 vial/420 wells; 5 vials/420 wells; 5 vials/2,100 wells; -80°CBRM bromodomain Ligand/APC Acceptor Mixture: 1 vial/420 wells; 5 vials/420 wells; 5 vials/2,100 wells; -80°CTR-FRET Assay Buffer (10X): 1 vial/2 ml; 1 vial/10 ml; 5 vials/10 ml; -20°CTR-FRET Assay Buffer Additive: 1 vial/200 mg; 1 vial/1 g; 5 vials/1 g; -20°CH3 Positive Control: 1 vial/2.5 nmol; 5 vials/2.5 nmol; 5 vials/12.5 nmol; -80°C384-Well Solid Plate (low volume; black): 1 plate; 5 plates; 25 plates; RTFoil Plate Covers: 1 cover; 5 covers; 25 covers; RT

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