CREATIVE BIOMART®
Assay Kit

BRD4 bromodomains 1 and 2 TR-FRET Assay Kit

Product Information

Cat.No.	Kit-1932

Size

9600 wells

Description

The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. The isolated individual or tandem bromodomains of BRD2 and BRD4 have been shown to bind acetylated histone tails, serving to couple histone acetylation marks to the transcriptional regulation of target promoters. Small molecule inhibitors of bromodomain/histone interactions hold promise as useful therapeutics for human disease. The BRD4 bromodomains 1 and 2 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

BRD4 bromodomains 1 and 2 Europium Chelate: 1 vial/420 wells; 5 vials/420 wells; 5 vials/2,100 wells; -80°CBRD4 bromodomains 1 and 2 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°C(+)-JQ1 Positive Control: 1 vial/8 nmol; 5 vials/8 nmol; 5 vials/40 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

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA