Histone Acetyltransferase Inhibitor Screening Assay Kit

Cat. No. Kit-0411 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Histone Acetyltransferase Inhibitor Screening Kit provides a fast, fluorescence-based method for evaluating pCAF HAT inhibitors.The procedure is based on the ability of 7-diethylamino-3-(4"-maleimidylphenyl)-4-methylcoumarin (CPM) to react with free thiol grious present after the acetylation reaction. The reaction of the CPM reacts these free thiol groups forms a highly fluorescent product that is detected using excitation and emission wavelengths of 360-390 nm and 450-470 nm, respectively.
Applications	Functional Studies
Storage	Store kit as given in the table upon receipt and away from light.Observe the storage conditions for individual prepared components in sections 9 & 10. The components of the kit are Stable for 6 months when stored properly. For maximum recovery of the products, centrifuge the original vial prior to opening the cap.
Kit Components	Components 96 tests96-Well Plate (white) 1 unit96-Well Plate Cover 1 unitHAT Acetyl CoA 1 vialHAT Assay Buffer (5X) 1 vialHAT Developer 1 vialHAT Peptide 1 vialHAT Stop Reagent 1 vialHistone Acetyltransferase (pCAF) 1 vial
Compatible Sample Types	HAT

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