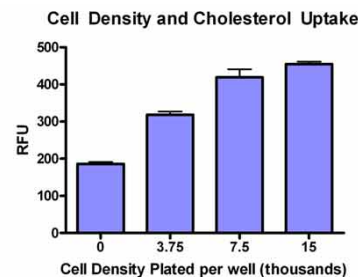


CD Cholesterol Uptake Assay Kit

Catalog Number: AKBA185

Size: 100 tests

Price: [Online Inquiry](#)



Product Information

Product Name	CD Cholesterol Uptake Assay Kit
Applications	For quantitative determination of cholesterol uptake in cells and screening of modulators on cholesterol uptake.
Features	Convenient. Treat cells directly in 96-well fluorescent plate. Safe. Non-radioactive assay. High-throughput. Can be readily automated as a high-throughput 96-well plate assay for thousands of samples per day
Detection Method	FL485/535nm
Sample Type	Adherent cells
Species	All
Assay Time	Assay takes 24-72 hrs, hand-on time 1 hr.
Expiration Date	6 months
Description	CHOLESTEROL is a sterol and lipid present in cell membranes, and is transported in the bloodstream of all animals. It is used to form cell membranes and hormones, and plays important roles in cell signaling processes. Cellular regulation of cholesterol levels is a complex system in which irregularities have been tied to obesity and heart disease. Increased cholesterol uptake has also been linked to highly proliferative cancer cells. Through monitoring cellular cholesterol uptake, one can explore these growing health problems and screen for possible drug treatments. CD cholesterol uptake assay kit is based on cellular uptake of a fluorescently tagged cholesterol probe. The fluorescence intensity measured at $\lambda_{ex}/\lambda_{em} = 485/535$ nm is proportional to the amount of cholesterol uptaken by the cells.
Shipping Conditions	Shipping: RT
Storage	Storage: -20°C upon receipt