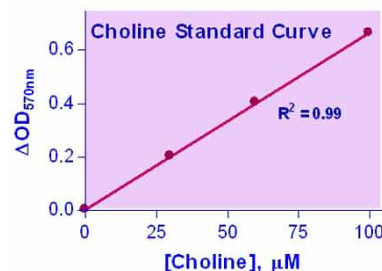


CD Choline Assay Kit

Catalog Number: AKBA014

Size: 100 tests

Price: [Online Inquiry](#)



Product Information

Product Name	CD Choline Assay Kit
Applications	For quantitative determination of choline and evaluation of drug effects on choline metabolism.
Features	Use 20 μL samples. Linear detection range: colorimetric assay 1 to 100 μM , fluorimetric assay 0.2 to 10 μM choline.
Detection Method	OD570nm, or FL530/585nm
Sample Type	Serum, plasma, urine, saliva, milk, tissue, cells etc
Species	All
Assay Time	30 min
Limit of Detection	OD, FL: 1, 0.2 μM
Expiration Date	6 months
Description	CHOLINE and its metabolites play important roles in membrane structure integrity, cellular signaling and cholinergic neurotransmission. Aberrant regulation in choline metabolism has been associated with mental illnesses such as anxiety. CD method provides a simple, direct and high-throughput assay for measuring choline in biological samples. In this assay, free choline is oxidized by choline oxidase to β ine and H_2O_2 which reacts with a specific dye to form a pink-colored product. The color intensity at 570nm or fluorescence intensity (530/585 nm) is directly proportional to the choline concentration in the sample.
Shipping Conditions	Shipping: On Ice
Storage	Storage: -20°C upon receipt