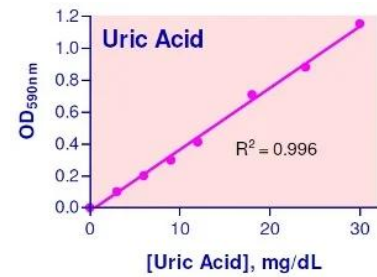


CD Uric Acid Assay Kit

Catalog Number: AKBA095

Size: 250 tests

Price: [Online Inquiry](#)



Product Information	
Product Name	CD Uric Acid Assay Kit
Applications	For quantitative determination of uric acid and evaluation of drug effects on uric acid metabolism.
Features	Sensitive and accurate. Use 5 μ L samples. Linear detection range 0.22 mg/dL (13 μ M) to 30 mg/dL (1785 μ M) uric acid in a 96-well plate assay. Simple and high-throughput. The procedure involves the addition of a single working reagent and incubation for 30 min. Can be readily automated as a high-throughput assay in 96-well plates for thousands of samples per day. Improved reagent stability and versatility. The optimized formulation has greatly enhanced the reagent and signal stability. Cuvet or 96-well plate assay. Low interference in biological samples. No pretreatments are needed. Assays can be directly performed on serum samples.
Detection Method	OD590nm
Sample Type	Serum, plasma, urine, and other biological samples
Species	All
Assay Time	30 min
Limit of Detection	0.2 mg/dL (13 μ M)
Expiration Date	12 months
Description	Uric acid is the waste product produced from the degradation of purines. In healthy humans, uric acid is filtered and removed from the blood by the kidneys and excreted into urine. Because a number of kidney diseases are known to affect uric acid levels, uric acid determination is thus important and useful in diagnosing and evaluating kidney diseases. For example, when uric acid is present in the blood at abnormally high levels, it tends to crystallize in body joints, resulting in gout, a very painful inflammatory condition. Increased levels of uric acid are also known to be associated with uremia, leukemia, and pneumonia. Simple, direct, and automation-ready procedures for measuring uric acid concentration in blood are becoming popular in Research and Drug Discovery. BioAssay Systems' uric acid assay kit is designed to measure uric acid directly in serum without any pretreatment. The improved method utilizes 2,4,6-tripyridyl-s-triazine which forms a blue-colored complex specifically with iron in the presence of uric acid. The intensity of the color, measured at 590nm, is directly proportional to the uric acid concentration in the serum. The optimized formulation substantially reduces interference by substances in the raw samples.
Shipping Conditions	Shipping: RT

Product Information

Storage	Storage: -20°C upon receipt
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