CREATIVE BIOMART®
Assay Kit

Albumin (Albuminuria) Fluorometric Assay Kit

Product Information

Cat

Kit-2273

Cat.No. Kit-2273

Product Overview

Albuminuria is a pathological condition characterized by the presence of high concentrations of albumin in urine. Albumin concentration ranges between 30-300 mg/L in the patient's urine sample, which is not detected by commercially available protein tests. Albuminuria has become a useful marker for the early detection of chronic kidney diseases in patients suffering from diabetes, hypertension, and cardiovascular diseases. Albumin (Albuminuria) Assay Kit provides a simple, sensitive, and high-throughput adaptable assay that detects albumin concentrations in healthy and Albuminuric urine samples. This assay is based on the fluorometric detection of albumin using a probe (AB580) that specifically recognizes albumin (Ex/Em: 600/630 nm). AB580 does not cause fluorescence in presence of other proteins or metabolites such as IgG, urea, ascorbic acid and glucose. Our assay can detect albumin concentrations as low as 20 mg/L.

Applications

Measurement of Albumin concentration in biological fluids like urine, saliva etc.

Storage

4°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Albumin Assay Buffer; Albumin Diluent; Albumin Probe (AB580); BSA Standard (2 mg/ml)

Target Species

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

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Assay Kit

Albumin (Albuminuria) Fluorometric Assay Kit

Mammalian

Detection method Fluorescence (Ex/Em 600/630 nm)

Features & Benefits

Simpleprocedure, High-throughput suitable;
Uses a specific probe that specifically recognizes albumin;
The assay can detect as low as 20 mg/L of Albumin in samples.

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