CREATIVE BIOMART®
Assay Kit

Urea Nitrogen/Urea Content Assay Kit

Product Information

Product Overview

Significance of Measurement: Urea nitrogen (urea) is the major end product of protein metabolism in the human body and constitutes the majority of non-protein nitrogen in blood. Blood urea nitrogen is one of the most important indicators of renal function.
Principle of Measurement: Urease catalyzes the hydrolysis of urea to produce ammonia. The generated ammonia reacts via the indophenol blue colorimetric method to form a blue-colored compound. The intensity of the blue color is directly proportional to the urea nitrogen concentration.

Size

100t/48s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

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