

## Urea (BUN) Assay Kit

Catalogue No.: abx295102

Urea (BUN) Assay Kit (Urease Method) is an assay kit for the detection and quantification of Urea (BUN) concentrations in serum, plasma, urine, saliva and milk using a spectrophotometer (Urease Method). Urea can be decomposed into ammonia ion and carbon dioxide by urease. Ammonia ion can react with phenol chromogenic agent and form a green substance in alkaline medium, and the production of the green substance is proportional to the urea content which can be calculated with the colorimetric assay at 580 nm.

<b>Target:</b>	Urea (BUN)
<b>Storage:</b>	Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.
<b>Validity:</b>	The validity for this kit is 12 months.
<b>Test Range:</b>	0.114 mmol/L - 30 mmol/L
<b>Sensitivity:</b>	0.114 mmol/L
<b>Detection Method:</b>	Colorimetric
<b>Assay Data:</b>	Quantitative
<b>Sample Type:</b>	Serum, plasma, urine, saliva and milk.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.