

## Calcium Assay Kit

Catalogue No.: abx298871

Calcium Assay Kit is an assay kit designed for the detection and quantification of Calcium concentrations in serum, plasma, tissue homogenates, cell lysates, cell culture supernatants and urine using a microplate reader. Any calcium ions present in the sample bind to Methyl Thymol Blue (MTB) in alkaline solution, forming a blue complex. The calcium concentration can be calculated by measuring the absorbance at 610 nm.

**Target:** Calcium**Reactivity:** General**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.**Validity:** The validity for this kit is 12 months.**Test Range:** 0.07 mmol/L - 1.2 mmol/L**Sensitivity:** 0.07 mmol/L**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Serum, plasma, tissue homogenates, cell lysates, cell culture supernatants and urine.**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.