

Magnesium (Mg) Assay Kit

Catalogue No.: abx294106

Magnesium (Mg) Assay Kit is an assay kit for the detection and quantification of Magnesium (Mg) concentrations in serum and plasma using a spectrophotometer. The magnesium in the serum reacts with the complexometric indicator (Calmagite) to form the Calmagite-Mg compound. The absorbance of this compound at 540 nm is proportional to the concentration of magnesium in the sample. The concentration of magnesium can be calculated by measuring the OD value at 540 nm.

Target: Magnesium (Mg)

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: 0.12 mmol/L - 2.5 mmol/L

Sensitivity: 0.12 mmol/L

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Serum and plasma.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.