

Magnesium Kit Calmagite Method

Intended Use:

Magnesium along with potassium is a major intracellular cation. It is an activator of various enzymes. It is also involved in amino acid activation and protein synthesis. Increased levels are found in dehydration, addison's disease and uremia. Decreased levels are found in malabsorption, during treatment of diabetic coma, chronic renal disease, chronic alcoholism, pancreatitis and hyperthyroidism. Magnesium kit uses calmagite method to determine magnesium in serum, urine & CSF.

Magnesium Kit components:

L1	Buffer Reagent
L2	Color Reagent
S	Magnesium Standard (2.0 mEq/L)
Other Accessories	Package Insert

System Parameters

Reaction	: End Point	Interval	: ---
Wavelength	: 510 nm	Sample Vol.	: 0.01 ml
Zero Setting	: Reagent Blank	Reagent Vol.	: 1.00 ml
Incub. Temp	: R.T.	Standard	: 2.0 mEq/L
Incub. Time	: 5 min.	Factor	: ---
Delay Time	: ---	React. Slope	: Increasing
Read Time	: ---	Linearity	: 10 mEq/L
No. of read.	: ---	Units	: mEq/L

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 Months
Opened kit (Prepared working reagent)	2-8°C	1 Month

Available Pack Sizes	
25 ml	75 ml