



Blood Calcium Content Assay kit

Blood calcium is almost all in the plasma, so blood calcium refers to plasma calcium. Plasma calcium has two forms: ionized calcium and bound calcium, of which only ionized calcium directly plays a physiological role. It is in dynamic equilibrium with bound calcium and is affected by blood PH. Blood calcium level is related to many important physiological functions, too high or too low will affect normal physiological functions. This kit is used to detect the concentration of free calcium in the blood.

The free calcium reacts with GBHA in a strong alkaline solution to form a red calcium-GBHA complex with an absorption peak at 520 nm; the free calcium concentration is calculated by measuring the absorbance at 520 nm.

Catalog No.	250072
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs