

ARG82142 Calcium Assay Kit (Colorimetric)

Package: 500 tests
Store at: 4°C

Summary

Product Description	ARG82142 Calcium Assay Kit (Colorimetric) is a detection kit for the quantification of Calcium in biological, food and environmental samples.
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	FuncSt
Target Name	Calcium
Conjugation Note	Read at 612 nm
Sensitivity	0.08 mg/dL (20 µM)
Detection Range	0.08 mg/dL (20 µM) - 20 mg/dL (5 mM)
Sample Type	biological, food and environmental samples
Sample Volume	5 µl

Application Instructions

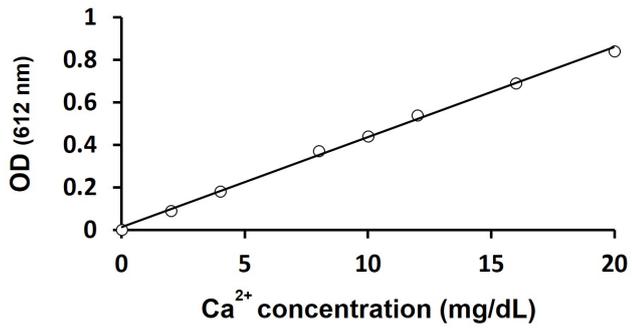
Application Note	Please note that this kit does not include a microplate.
Assay Time	3 min

Properties

Form	Liquid
Storage instruction	Store the kit at 2-8°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	Calcium plays a vital role in the anatomy, physiology and biochemistry of organisms and of the cell, particularly in signal transduction pathways. The skeleton acts as a major mineral storage site for the element and releases Ca ²⁺ ions into the bloodstream under controlled conditions.
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ARG82142 Calcium Assay Kit (Colorimetric) typical data demonstration image

ARG82142 Calcium Assay Kit (Colorimetric) results of a typical data with optical density reading at 612 nm.