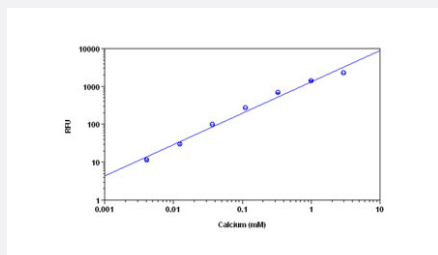


Calcium Assay Kit (Red Fluorescence)

Catalog # KA4080

Size 1 Kit

Applications



A calcium standard curve is shown with 96-well black plate and the Calcium Assay Kit (Red Fluorescence) (Cat # KA4080). As low as 0.01 mM calcium can be detected with 5 minutes incubation time (n=3). The fluorescence in blank wells (with H₂O only) is used as a control, and is subtracted from the values for those wells with calcium reactions. Note: The fluorescence background increases with time, thus it is important to subtract the fluorescence intensity value of the blank wells for each data point.

Specification

Product Description

Calcium Assay Kit (Red Fluorescence) is used for the measurement of calcium level in physiology solutions.

Suitable Sample

Physiological Solutions

Sample Volume

50 μ L

Excitation/ Emission (nm)

540/590 nm

Detection Method

Fluorometric

Instrument Platform

Microplate Reader

Calibration Range

0.003 to 3 mM

Limit of Detection

0.03 mM

Regulation Status

For research use only (RUO)

Storage Instruction

Store the kit in desiccated environment at -20°C and avoid from light.

Applications

- Quantification