Calcium Assay

A plate-based colorimetric assay to measure 0-1 µg of calcium levels in samples.

Calcium is one of the most important metal ions that is essential in the regulation of diverse cellular processes in all living organisms. They function as a key second messenger through its sequestration and release into the cytoplasm via calcium channels thereby regulating various cell signaling pathways. AkrivisBio's Calcium Assay provides a simple and direct method for measuring Ca2+ concentration in a variety of samples. In this assay, Ca2+ binds to alkaline O-Cresolphthalein Complexone to form a chromogen measured at OD 575 nm. The intensity of the color is directly proportional to the calcium concentration in the sample.

Ordering Information

Order Online »

AKR-MA-0104	100 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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