Alkaline Phosphatase Activity Assay

A plate based colorimetric assay to measure the presence and activity of alkaline phosphatase enzyme in various sample types.

Alkaline phosphatase (ALP) is an enzyme that catalyzes the hydrolysis of phosphate esters under alkaline conditions with the production of free phosphate. AkrivisBio's ALP Activity Assay is a simple, sensitive assay to measure ALP activity in a variety of biological samples. In this assay the specific alkaline phosphatase substrate, p-nitrophenyl phosphate is hydrolyzed to phosphate ion and p-nitrophenol. P-nitrophenol formation is then monitored using a spectrophotometer at λmax 405 nm. The absorbance or color intensity is directly proportional to the alkaline phosphatase activity in the sample.

Ordering Information

Order Online »

AKR-MA-0109	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.

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