

Alkaline Phosphatase (ALP) Assay Kit

Catalogue No.: abx096002

Alkaline Phosphatase (ALP) Assay Kit is an assay kit designed for the detection and quantification of Alkaline Phosphatase activity in serum, plasma, tissue homogenates and cell lysates using a microplate reader. Alkaline phosphatase decomposes benzene disodium phosphate to produce free phenol and phosphoric acid. Phenol react with 4-aminopyrline in alkaline solution and oxidizes with potassium ferricyanide to form a red quinone derivative. The enzyme activity can be calculated indirectly by measuring the OD value at 520 nm.

Target: Alkaline Phosphatase (ALP)

Reactivity: General

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 0.13 King Unit/100 ml - 50 King Unit/100 ml

Sensitivity: 0.13 King Unit/100 ml

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Serum, plasma, tissue homogenates and cell lysates.

CAS Number: 9001-78-9

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.