

## Acid Phosphatase (ACP) Assay Kit

Catalogue No.: abx096000

Acid Phosphatase Assay Kit is an assay kit designed for the detection and quantification of Acid Phosphatase activity in serum, plasma and tissue homogenates using a microplate reader. Disodium p-nitrobenzene phosphate (p-NPP), a widely used phosphatase chromogenic substrate, hydrolyzes to p-nitrophenol under the action of acid phosphatase in acidic conditions. Under alkaline conditions, p-nitrophenol is yellow and has a maximum absorption peak at 405 nm. The darker of yellow product is, the higher the acid phosphatase activity. Therefore, the activity of acid phosphatase can be calculated by measuring the OD value at 405 nm.

**Target:** Acid Phosphatase (ACP)**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:** 0.2 U/L - 50 U/L**Sensitivity:** 0.2 U/L**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Serum, plasma and tissue homogenates.**CAS Number:** 9001-77-8**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.