



Fluoride Resistant Acid Phosphatase Activity Assay kit

Fluoride resistant acid phosphatase (FRAP) is a type of acid phosphatase. FRAP is mainly found in the lysosomes of most cells, the prostate gland, brain, liver, spleen, and platelets. The activity of fluoride-resistant acid phosphatase is not inhibited by fluoride ions, whereas the activity of other acid phosphatases is inhibited by fluoride ions. Under acidic conditions, the fluoride-resistant ion acid phosphatase catalyzes the production of p-nitrophenol from PNPP. The p-nitrophenol appears yellow under alkaline conditions and can be detected at 400 nm absorbance. The darker the yellow color of the product, the higher the activity of the fluoride-resistant ion acid phosphatase, and vice versa, the lower the enzyme activity.

Catalog No.	250545
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs