CREATIVE BIOMART®
Assay Kit

# PTP1B Inhibitor Screening Assay Kit

## Product Information

**Cat.No.** Kit-0752

**Product Overview**

PTP1B Inhibitor Screening Assay Kit is a colorimetric, non-radioactive assay designed to measure the phosphatase activity of purified PTP1B. This 96-well assay is useful for screening inhibitors and modulators of PTP1B activity. The kit includes Human, recombinant PTP1B (residues 1-322; MW=37. 4 kDa), expressed in E. coli as a positive control. The PTP1B inhibitor suramin is including as control for inhibitor detection. The detection of free-phosphate released is based on the classic Malachite green assay and offers the advantages of convenient, one-step detection and excellent sensitivity, without radioactivity.

**Size**

1 x 96 tests

**Applications**

Functional Studies more details

**Kit Components**

Components: 1 x 96 tests; 96-well Clear Microplate (1/2 Volume): 1 unit; Phosphate Standard: 1 x 0.5ml; PTP1B Assay Buffer: 1 x 20ml; PTP1B Enzyme (Human, Recombinant): 1 x 5μg; PTP1B Inhibitor: 1 x 10mg; PTP1B Substrate: 1 x 1mg; Red Assay Reagent: 1 x 5ml

**Detection method** Colorimetric

**Compatible Sample Types**

Purified protein, Inhibitor compounds

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