

Protein Tyrosine Phosphatase-1B (PTP-1B) Assay Kit | PTP-1B assay kit

Protein Tyrosine Phosphatase-1B (PTP-1B) Activity Colorimetric Assay Kit

CATALOG #
AAA31572

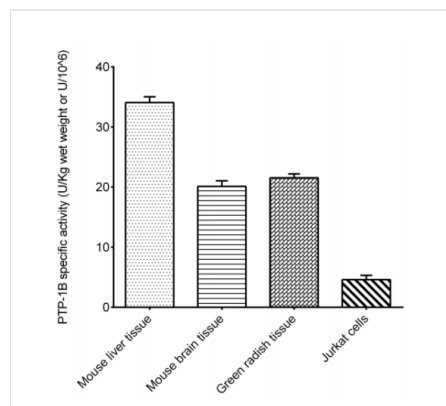
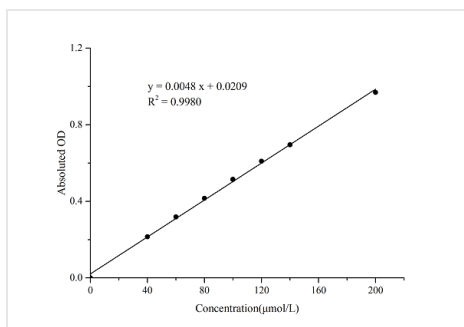
PRODUCT SYNONYMS

Protein Tyrosine Phosphatase-1B (PTP-1B); Protein Tyrosine Phosphatase-1B (PTP-1B) Activity Colorimetric Assay Kit; PTP-1B assay kit

PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme activity
Samples	Animal and plant tissue, Cell
Detection Range	0.216-7.200U/L
Sensitivity	0.216U/L
Precision	Intra-assay CV: 2.0-2.1% Inter-assay CV: 7.5-10.0%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for PTP-1B assay kit

Protein Tyrosine Phosphatase-1B (PTP-1B) belongs to the family of protein tyrosine phosphatases, which specifically hydrolyze aromatic phosphates and negatively regulate insulin signal transduction by dephosphorylating tyrosine residues on insulin receptors or their substrates. In the dephosphorylation of PTP-1B, the phosphate group produced reacts with malachite green to form chromogenic substance, PTP-1B in samples is measured by measuring the absorbance change at 636nm.

Product Categories/Family for PTP-1B assay kit

Metabolism assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism; Metabolic Diseases

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/protein-tyrosine-phosphatase-1b-ptp-1b/31572>