

Product Datasheet

Protein Tyrosine Phosphatase Activity Assay Kit (Fluorometric) NBP2-59739

Unit Size: 100 Assays

Store at -20C in the dark. Avoid freeze-thaw cycles.

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NBP2-59739**Protein Tyrosine Phosphatase Activity Assay Kit (Fluorometric)****Product Information**

Unit Size	100 Assays
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.

Product Description

Description	<p>This assay is designed for rapid assessment of PTPase activity in biological samples or recombinant PTPase preparations. Detection method: Fluorescence (Ex/Em = 368/440 nm). Applications: Rapid assessment of PTPase activity in biological samples or recombinant PTPase preparations.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab241032)</p>
Species	Mammal
Kit Components	PTPase Assay Buffer, Disulfide Reducing Agent (DTT), Fluorescent Standard, PTPase Inhibitor (Suramin), PTPase Substrate, PTPase Positive Control
Sensitivity	100 uU

Images

Protein Tyrosine Phosphatase Activity Assay Kit [NBP2-59739]

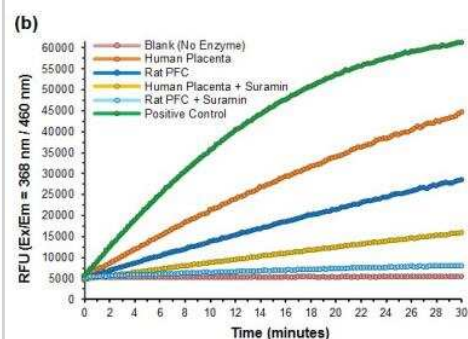


Figure: (b) Reaction kinetics of PTPase Substrate metabolism in homogenates of human placenta (5 µg) and rat prefrontal cortex (10 µg) in the presence and absence of the PTPase inhibitor suramin.

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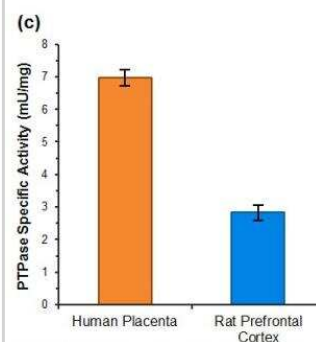


Figure: (c) Quantification of PTPase activity in samples (mean ± SEM of 4 or more independent replicates). Assays were performed according to the kit protocol.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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