

## Datasheet for NPP-B500

**NPP Buffer (1X Working Buffer)****Overview**

<b>Description:</b>	NPP Buffer (1X Working Buffer) - NPP-B500
<b>Item No.:</b>	NPP-B500
<b>Size:</b>	500 mL
<b>Applications:</b>	ELISA

**Product Details**

<b>Background:</b>	NPP Buffer (1x Working Buffer) is required with the use of NPP (50X) ELISA Alkaline Phosphatase Substrate a chromogenic substrate utilized in immunosorbent assays. Phosphatase-conjugated detection antibodies can act upon the pNPP to convert it to a yellow para-nitrophenol. This yellow product can be measured on a spectrophotometer at 405nm.
<b>Synonyms:</b>	Nitrophenylphosphate buffer, Nitrophenyl phosphate buffer, para-Nitrophenylphosphate buffer, pNPP buffer

**Application Details**

<b>Tested Applications:</b>	ELISA
<b>Application Note:</b>	Utilized as the diluent buffer in ELISA experiments with Rockland p/n NPP-10.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	50:1

**Formulation**

<b>Physical State:</b>	Liquid - clear
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**Shipping & Handling**

<b>Shipping Condition:</b>	Ambient
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<b>Storage Condition:</b>	Store NPP Buffer (1x Working Buffer) at 4° C prior to opening. Protect NPP Buffer (1x Working Buffer) from moisture and light. No special shipping conditions or precautions are required.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Images



**Bottle**  
NPP Buffer (1X Working Buffer)

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

