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Datasheet for NPP-10

# NPP (50X) ELISA Alkaline Phosphatase Substrate

## Overview

| | |
|---|---|
| **Description:** | NPP (50X) ELISA Alkaline Phosphatase Substrate - NPP-10 |
| **Item No.:** | NPP-10 |
| **Size:** | 10 mL |
| **Applications:** | ELISA |

## Product Details

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| **Background:** | NPP (p-Nitrophenyl phosphate) is a colorimetric substrate for alkaline phosphatase (AP) in ELISA, producing a yellow product that is measurable at 405 nm. It is chosen for its suitability in applications requiring a quantitative readout of enzyme activity. |
| **Synonyms:** | Nitrophenylphosphate, Nitrophenyl phosphate, para-Nitrophenylphosphate, pNPP |

## Application Details

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| **Tested Applications:** | ELISA |
| **Application Note:** | Must be diluted with Rockland item# NPP-B500 |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **ELISA:** | 1:50 |

## Formulation

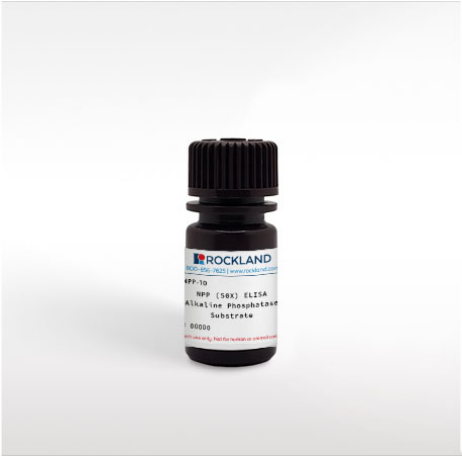
| | |
|---|---|
| **Physical State:** | Liquid - clear to pale yellow |

## Shipping & Handling

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| **Shipping Condition:** | Ambient |

| | |
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| **Storage Condition:** | Store NPP (50x) ELISA Alkaline Phosphatase Substrate at 4° C prior to opening. Protect NPP (50x) ELISA Alkaline Phosphatase Substrate from moisture and light. No special shipping conditions or precautions are required. |
| **Expiration:** | Expiration date is one (1) year from date of receipt. |

## Images




**Bottle**
NPP (50X) ELISA Alkaline Phosphatase Substrate

## 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.

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