

## 4-Aminophenyl phosphate (PAPP)

(or *p*-aminophenyl phosphate monosodium salt hydrate pAPP)

### Product Description

Substrate for the electrochemical measurement of alkaline phosphatase.

### Product Number / Size

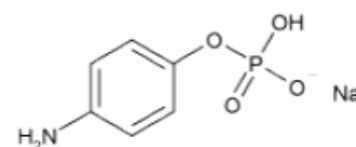
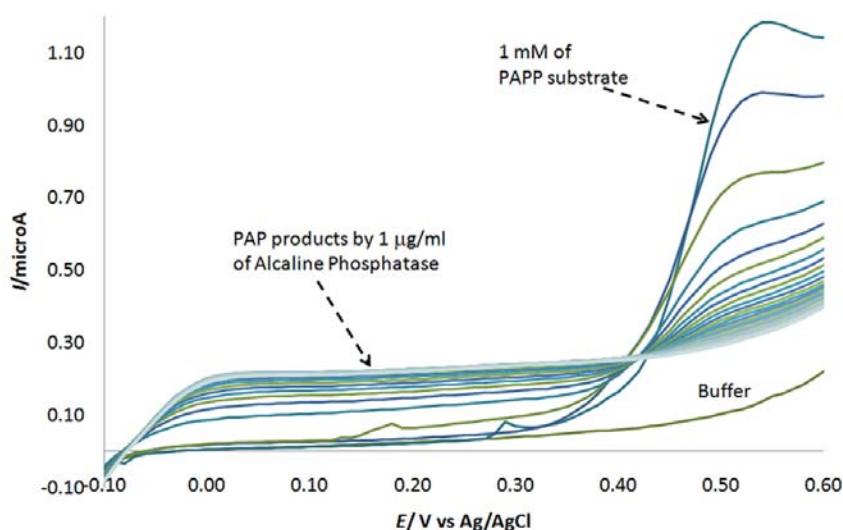
RS-001-50                      50mg

### Product Specifications

Classification:                      Xn; R: 20/22 50/53 68  
 Formula:                                C<sub>6</sub>H<sub>7</sub>NO<sub>4</sub>PNa  
 Purity:                                    ≥97% (HPLC)  
 Appearance:                          light yellow to light brown microcrystalline powder  
 Shipping:                                AMBIENT  
 Long term storage:                  -20°C

### References

- **Berti F. et al.:** *Microfluidics-based electrochemical genosensor coupled to magnetic beads for hybridization detection*, Talanta (2009); 77(3):971-8.;
- **Hoegger D. et al.:** *Disposable microfluidics ELISA for rapid determination of folic acid content in food products*, Anal Bioanal Chem (2007) 387:267-275;
- **Rossier J. et al.:** GRAVI™: *Robotized Microfluidics for Fast and Automated Immunoassays in Low Volume*, Journal of the Association for Laboratory Automation, (2008), 13(6), 322-329



Substrate Concentration [mM]	Buffer Volume [ml]
11.8	20
2.36	100
1.18	200

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**WARNING:** THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, INJURY OR DEATH.

**MATERIAL SAFETY DATA:** This material should be considered hazardous. Do not ingest, swallow, or inhale. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. This information contains some, but not full information for the safe and proper use of this material. Before use, you must review the complete Material Safety Data Sheet.

**WARRANTY AND LIMITATION OF REMEDY:** according to DiagnoSwiss "General Conditions of Business and Supply".