

pNPP One Component Microwell Substrate, Solution

Cat. No.	Format	Size
0421-01L	Solution	1 L

Overview

Technical Name	<i>para</i> -Nitrophenyl phosphate
Reaction Product	Produces a soluble, yellow end product upon reaction with alkaline phosphatase (AP) that is measurable between 405 nm and 410 nm

Applications

ELISA ¹⁻⁶

Product Use

- Ready to use formulation; dilution of the substrate is not recommended
- Reaction may be stopped with 3 N NaOH

Handling and Storage

- Recommended storage is at 2-8°C.
- Removal of the pellets is not recommended.
- Protect from light. Reagent is stable for the period shown on the label if stored as directed.

Warning

Reagent contains diethanolamine and hydrogen chloride. Please refer to product specific SDS.

References

1. Gu JJ, Zhang N, He Y, Koleske AJ, Pendergast AM. Defective T cell development and function in the absence of Abelson kinases. *J Immunol.* 2007;179:7334-43. (ELISA)
2. Smith H, Doenhoff M, Aitken C, Bailey W, Ji M, Dawson E, et al. Comparison of *Schistosoma mansoni* soluble cercarial antigens and soluble egg antigens for serodiagnosing schistosome infections. *PLoS Negl Trop Dis.* 2012;6(9):e1815. (ELISA)
3. Panarsky R, Luques L, Weinstock M. Anti-inflammatory effects of ladostigil and its metabolites in aged rat brain and in microglial cells. *J Neuroimmune Pharmacol.* 2012;7:488-98. (ELISA)
4. Hwang I, Park C, Luong T, Harrison KA, Birnbaumer L, Kehrl JH. The loss of Gnai2 and Gnai3 in B cells eliminates B lymphocyte compartments and leads to a hyper-IgM like syndrome. *PLoS One.* 2013;8(8):e72596. (ELISA)
5. Yousef S, Heise J, Lajmi N, Bartels K, Kröger N, Luetkens T, et al. Cancer-testis antigen SLLP1 represents a promising target for the immunotherapy of multiple myeloma. *J Transl Med.* 2015;13:197. (ELISA)
6. Hwang I, Park C, Harrison K, Boularan C, Galés C, Kehrl JH. An essential role for RGS protein/Gα₁₂ interactions in B lymphocyte-directed cell migration and trafficking. *J Immunol.* 2015;194:2128-39. (ELISA)

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