

## Enzyme Diluent for PNP

### Storage and Reconstitution of PNP

#### Storage of Dry PNP Enzyme

PNP (Purine Nucleoside Phosphorylase) is provided freeze-dried in vials. Storage of PNP in a freezer is recommended. Dry PNP stored at -20°C (a standard freezer) is stable for 12 months. PNP stored -80°C or colder is stable for 3 years.

#### Reconstituting PNP Enzyme

NECi prepackaged Enzyme Diluent allows you to store PNP in a freezer for multiple usage. PNP reconstituted with the Enzyme Diluent can be frozen and thawed several times. Small aliquots can be made and frozen for best stability. Keep on ice while using.

#### How to use the Enzyme Diluent

Before taking the cap off of the PNP vial, tap the tube on a hard surface to settle any loose contents. Empty contents of Enzyme Diluent tube into PNP vial. Re-cap and mix by inverting several times. Allow to stand at room temperature for at least 10 minutes, with mixing at 5 and 10 minutes. The reconstituted PNP can now be used as directed in NECi Phosphate Test Kit instructions.

#### Storage of Reconstituted PNP

PNP prepared using the Enzyme Diluent solution can be stored at -20°C or colder for 6 - 12 months, or refrigerated for up to one week.

#### Questions? Comments?

Phone us: 1-888-NITRATE (International 1.906.296.1130)

Email: [tech@nitrate.com](mailto:tech@nitrate.com).

Website: [www.nitrate.com](http://www.nitrate.com) - also has a list of FAQ



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