

Storage and Reconstitution of NaR

New! Use NECi Prepacked Enzyme Diluent!

Storage of Dry NaR (Nitrate Reductase Enzyme)

NECi nitrate reductase is provided freeze-dried in vials. Keep NaR dry and cool. Storage in a refrigerator or freezer is recommended. Dry NaR stored at 4 - 15°C (40 - 60°F) is stable for 6 months. NaR stored in a standard freezer is stable for 12 months. NaR stored -80°C or colder is stable for 3 years.

Reconstituting NaR (Nitrate Reductase Enzyme)

NECi prepackaged Enzyme Diluent allows you to store NaR in a freezer for multiple usage. It also stabilizes the NaR, so you don't need to keep it on ice during use. NaR reconstituted with the Enzyme Diluent can be frozen and thawed repeatedly.

How to use the Enzyme Diluent Bulb:

Empty contents of Enzyme Diluent squeeze bulb into NaR vial. Mix vigorously for 3 seconds with a vortex-type mixer. If you do not have a vortex mixer, shake vigorously by hand. Allow to stand at room temperature for 20 minutes, with mixing at 10 and 20 minutes. The reconstituted NaR can now be used as directed in your Test Kit instructions.

Storage of Reconstituted NaR:

- a. NaR prepared using the new Enzyme Diluent solution can be stored at -20°C (standard freezer) for 6 - 12 months, or refrigerated for one month.
- b. Reconstituted NaR can be stored at -80°C for 2 years.

Questions? Comments?

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Website: www.nitrate.com - also has a list of FAQ

