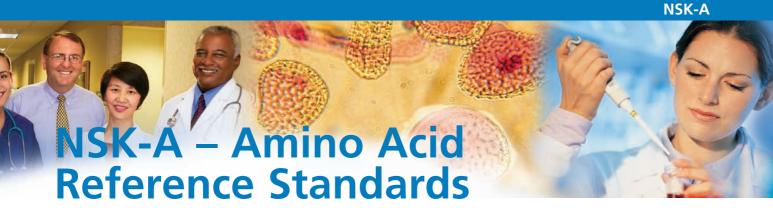
CIL

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This set contains ten vials of a dry mixture of twelve isotopically labeled amino acids. Accurate and complete reconstitution of the contents of one vial in 1 ml of high purity solvent will produce the concentrations presented in the Standards Concentrations table. Mix well. This solution becomes the concentrated amino acid stock standard.

Dilution of Reference Standards Concentrated Working Stock

To prepare working stock solutions, one of the following procedures is suggested: dilute 1 ml (reconstituted vial contents per instructions above) of the concentrated amino acid stock standard with pure solvent. If Set B (Acylcarnitine Reference Standards) was purchased, mix 1 ml (reconstituted vial contents) of concentrated standards from Set A with 1 ml of the concentrated standards from Set B. Store the diluted standards in a tightly sealed vial at 4°C. In order to maintain the integrity of the solution, we recommend storing the sealed vials in a second sealed container. We recommend discarding this concentrated working stock solution after ~1 month. Stability data is being obtained.

Standards Concentrations	
Reference Standard	Concentration (nmol/mL)
¹⁵ N; 2- ¹³ C-Glycine	2500
²H₄-Alanine	500
²H ₈ -Valine	500
²H₃-Leucine	500
² H ₃ -Methionine	500
¹³ C₀-Phenylalanine	500
¹³ C₀-Tyrosine	500
² H ₃ -Aspartate	500
² H ₃ -Glutamate	500
² H ₂ -Ornithine	500
² H ₂ -Citrulline	500
² H ₄ ; 5- ¹³ C-Arginine	500

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