

PRODUCT: HIGH SALT PRECIPITATION SOLUTION

August 2023

Cat. No: PS 161

Storage: Store at room temperature

PRODUCT DESCRIPTION

High Salt Precipitation Solution is a molecular biology grade solution of sodium chloride and sodium citrate specially designed for RNA precipitation in the TRI Reagent® procedure. The use of High Salt Precipitation Solution reduces polysaccharide and proteoglycan contamination when isolating RNA from sources rich in these compounds (Chomczynski, P. and Mackey, K. *Biotechniques* 19: 942 - 945. December, 1995).

PRODUCT APPLICATION

Perform sample homogenization and phase separation according to the TRI Reagent® protocol and transfer the aqueous phase containing total RNA to a clean tube. Precipitate RNA from the aqueous phase by the addition of isopropanol followed by High Salt Precipitation Solution. Add 0.25 ml of isopropanol and 0.25 ml of the High Salt Precipitation Solution per 1.0 ml of TRI Reagent® used in the initial homogenization. Mix the resulting solution by inversion, store at room temperature for 5 - 15 minutes, and centrifuge at 12,000 g for 8 minutes at 4 - 20 C. Wash the RNA pellet and solubilize as described in the TRI Reagent® protocol.

PRODUCT SPECIFICATIONS

Molecular biology grade.

RNase-free.

Contains:	NaCl	1.2 M
	C ₆ H ₅ Na ₃ O ₇	0.8 M

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