

## Linear Polyacrylamide for Nucleic Acid Precipitation

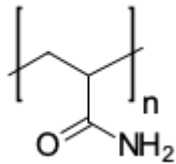
<http://www.lumiprobe.com/p/linear-acrylamide>

Linear polyacrylamide is inert substance, it does not inhibit enzymatic reactions and is appropriate for small amounts of nucleic acids precipitation. It is perfect for quantitative recovery of small amounts of nucleic acids in dilute solutions.

Linear polyacrylamide does not interfere with  $A_{260/280}$  readings and has no impact on the spectral characteristics of nucleic acids, useful for precipitation of fragments larger than 15 base pairs and separation PRC reaction products from nucleotides and shorter fragments. Being produced as a result of chemical synthesis Linear polyacrylamide for nucleic acids precipitation has a benefit of being free from contamination with enzymes.

## Usage

Reagent is supplied as 20 mg/mL solution and does not require an additional dilution; 1  $\mu$ L of Linear polyacrylamide solution is recommended for one extraction. For DNA precipitation add Linear polyacrylamide and then 0.8 volume of isopropanol or 2.5 volumes of ethanol in presence of salt solution (for example 0.3 M sodium acetate), wash the pellet with 70% ethanol, remove the supernatant fluid, and resuspend the pellet in water or Tris buffer.



**Structure of Linear polycrylamide for nucleic acids precipitation**

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### General properties

Appearance: transparent liquid

Solubility: soluble in water

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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