



The ENZYME Company

Linear Polyacrylamide Solution

5 x 1 ml

Description Linear polyacrylamide is used as an additive to DNA or RNA solutions for the improvement of nucleic acids recovery during alcohol precipitation. Fragments larger than 20 bases can be precipitated in picogram amounts, while nucleotides and oligonucleotide primers remain in the liquid phase. Linear Polyacrylamide is not produced from biological material, contacted neither enzymes nor other biomolecules. Due to this feature, Linear Polyacrylamide is the most appropriate co-precipitant of DNA or RNA for the subsequent PCR/RT-PCR.

Quality control Endonuclease/nickase activity is not detected after 16h incubation at 37°C of 5 microgramm of Linear Polyacrylamid with 0,5microgramm of supercoiled pUC19 plasmid DNA.

Concentration 5mg/ml, solution in water

Storage -20°C

Transportation Ambient temperature

Catalog #	Pack size	Price, Euro
130101	1 ml	
130105	1 ml x 5	

Protocol for DNA precipitation with Linear Polyacrylamide as co-precipitant

1. Add linear polyacrylamide to DNA solution to the final concentration of 10-20 µg/ml, mix well
2. Add one volume of isopropanol or 2 volumes of ethanol
3. Chill for 15 min in freezer (-20°C), centrifuge at ≥10,000g for at least 15 min
4. Carefully remove supernatant and resuspend the pellet in an appropriate buffer

Reference Gillard, C and Strauss F. Nucleic Acid Research, Vol. 18. No. 2, p. 378, 1990.

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