Solarbio® LIFE SCIENCES

Beijing Solarbio Science & Technology Co.,Ltd.
One-stop solution for life science research.

Acryl Carrier

Cat: SA1020
Package: 1mL/5mL
Storage: 2-8℃, Valid for 1 year.

Product description:

Ethanol cryoprecipitation is the most common method for recovering DNA and RNA from liquid samples. However, ethanol precipitation will lose at least 30% of the nucleic acid in the sample. If the concentration of nucleic acid in the liquid sample is very low, or the DNA<200bp, ethanol precipitation can only recover 50% of the DNA and RNA.

Acryl Carrier is a molecular biological grade Acryl polymer solution. Adding 5-10μL of ACRyl carrier to ethanol precipitation can significantly improve the yield of nucleic acid precipitation, and the recovery rate of trace DNA can reach 98-100%, while selectively removing short primer fragments and dNTP.

This product has no nucleic acid contamination, no DNase and RNase activity, and does not affect subsequent experiments such as enzyme digestion, ligation, transcription, PCR, transformation transfection, nor does it affect nucleic acid electrophoresis and DNA-protein interaction.

Acryl Carrier has become the most commonly used nucleic acid precipitation aid.

Product Application:

1. Improve the yield of DNA or RNA precipitation. For example, increase plasmid yield, improve RNA extraction rate, etc.
2. Trace DNA or RNA recovery.
3. Precipitate recovery labeled probe to remove unlabeled dNTP.

Method of use: (for reference only)

1. Add 5-20μL Acryl Carrier to 1 ml DNA or RNA solution to continue the selected nucleic acid precipitation procedure.
2. Add 5-20μL Acryl Carrier to 1mL TRIpure extraction reagent to continue the RNA extraction operation.
3. Add 5-20μL Acryl Carrier to 1mL plasmid extraction solution to continue the plasmid extraction operation.

Related products:

R1050   5×RNA Loading Buffer
D1010   6×DNA Lodding Buffer
T1060   50×TAE Buffer
M1010   10×MOPS Buffer
SR0080   RNAsaver RNA Long-acting preservation solution
T1120   TE Buffer, PH=8.0
G8142   GoldView Type II nucleic acid stain (5000×)