

Co-Precipitant Pink

Catalog numbers

Batch No.: See vial BIO-37075 : Co-Precipitant Pink (1.5ml at 5µg/µl)



A Meridian Life Science® Company

Storage and stability:

Co-Precipitant Pink is shipped on dry ice or blue ice. Stored at -20°C it is stable for 12 months from date of purchase.

Reagent Specifications:

10x Co-Precipitant Buffer: 3M NaAc buffer, pH 5.2

Safety precautions:

Harmful if swallowed. Irritating to eyes, respiratory system and skin. Please refer to the material safety data sheet for further information.

Notes:

1. Not suitable for spectral determination of nucleic acid within a range of 260nm-280nm.
2. This product insert is a declaration of analysis at the time of manufacture.
3. Research use only.

Features

- Up to 100% nucleic acid recovery
- Effective for fragments ≥ 25 bp
- Suitable for sequencing
- Free from DNA, RNA and protein
- Increases pellet mass and visibility
- Minimizes pellet loss

Applications

- DNA and RNA recovery

Description

Bioline's Co-Precipitant Pink (linear polyacrylamide) aids salt/alcohol precipitation of DNA and RNA.

Co-Precipitant Pink is suitable for most applications, including the precipitation of DNA for sequencing, DNA after enzymatic manipulations and RNA from different sources. It is free of nucleic acids, therefore, all resulting precipitates are suitable for standard PCR, RT-PCR and other enzymatic reactions and provide almost complete recovery of DNA/RNA fragments as small as 25bp.

Protocols

The following protocol is designed to precipitate DNA/RNA volumes ranging from 50 to 2000µl per reaction.

Prior to alcohol precipitation:

1. It is strongly recommended to add NaAc buffer supplied to a final concentration of 0.3M (1/10th of reaction volume). Other buffers with cation of user's choice can also be used at a concentration of 0.3 - 1M.
2. Vortex.
3. Add 30µg of Co-Precipitant Pink (6µl).
4. Vortex.
5. Add 1 - 2.5 volumes of 96% EtOH (depending on fragment size).
Note: 0.7 - 1 volumes of Isopropanol can also be used but pellet may not adhere as firmly to side of reaction tube
6. Incubate at room temperature for 10 minutes.
7. Spin down at 14000rpm for 10 minutes.
8. Carefully remove supernatant.
9. Wash with 70% EtOH.
10. Spin down at 14000rpm for 10 minutes.
11. Carefully remove all supernatant.
12. Dry pellet.
13. Resuspend in appropriate buffer.

Associated Products

Product	Pack size	Cat. No.
SureClean Plus	1 x 5ml	BIO-37042
Agarose, Molecular Grade	100g	BIO-41025
HyperLadder™ I	200 Lanes	BIO-33025

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