Co-Precipitant Pink

Catalog number

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/blue ice. On arrival store at -20°C for optimum stability. Repeated freeze/thaw cycles should be avoided.

Expiry:
When stored under the recommended conditions and handled correctly, full activity of the kit is retained until the expiry date on the outer box label.

Safety precautions:
Please refer to the material safety data sheet for further information.

Quality control specifications:
Co-Precipitant Pink and its components are extensively tested for efficiency, absence of nuclease contamination and absence of nucleic acid contamination prior to release.

Notes:
Research use only.

Features

- Up to 100% nucleic acid recovery
- Effective for fragments ≥25bp
- 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™ 1kb	200 Lanes	BIO-33025

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