

Vivid Violet

DNA/RNA Co-Precipitate

Vivid Violet *DNA/RNA Co-* *Precipitate*

Highly visible inert co-precipitant designed for routine use in DNA or RNA precipitations.

Cat. No.

E4502-01

Size

250µl

Description:

- Vivid Violet is a neutral carrier which enhances the recovery of nucleic acids when added prior to ethanol precipitation.
- Eliminates the need for low incubation temperature.
- Functions similarly to RNA or glycogen to improve recovery when precipitating dilute solutions of nucleic acids, but has the advantage of adding no biological material.
- Chemically synthesized; will not interfere in subsequent molecular biology manipulations.
- Results in a highly visible purple pellet after centrifugation of the precipitation mixture and thus eliminates loss of nucleic acid pellets during ethanol wash steps since the nucleic acids are readily seen.
- Avoids the necessity of being removed prior to next molecular biology step.
- Helps to determine when nucleic acids are thoroughly dissolved.
- Does not interfere with SDA, PCR, RT-PCR, restriction enzyme digestion, gel electrophoresis or fluorimetric determination of nucleic acid content.
- Does not precipitate nucleic acids shorter than 20 base pairs, unincorporated nucleotides and short primers from PCR products can be removed.

Storage Conditions:

Store at 4°C.

Stored In:

Nuclease-free water.

Note 1: Sufficient for: 100 x 50 µl precipitations. Supplied at 10 mg/ml.

Note 2: Vivid Violet does absorb at A_{260} and therefore a correction of the absorbency reading is required.

Quality Control:

All preparations are assayed for contaminating endonuclease, exonuclease, nonspecific RNase and single- and double-stranded DNase activities.