

RNA Extraction Buffer (Chloroform Substitute)

R749970

Store at room temperature in the dark

Introduction:

RNA Extraction Buffer (Chloroform Substitute) is a reagent mixture that can substitute chloroform when using Trizol for RNA extraction.

This product has low toxicity and does not contain chloroform. There are many regulations and restrictions in ordering, using, and storing Chloroform. This product is functionally similar to chloroform, but with relatively lower toxicity, making it an ideal substitute for Chloroform.

This product has good separation efficiency. Compared to chloroform, this product has stronger hydrophobicity and can form a tighter intermediate layer during RNA extraction, greatly reducing the chances of RNA contamination by DNA and proteins.

Usage method:

The usage of the RNA Extraction Buffer (Chloroform substitute) is the same as that of chloroform. Add 200 μ l of RNA Extraction Buffer (Chloroform substitute) to each milliliter of sample lysate in Trizol.

Similar to chloroform, this product is volatile. It should be used in the fume hood and tightly closed immediately after use. At the first time of use, it is recommended to aliquot the 50ml pack into smaller packs to avoid RNase contamination during multiple uses.

Precautions:

1. During the RNA extraction, please wear disposable gloves and masks, and do not breathe or speak towards RNA samples to prevent RNase contamination.
2. This product has acute toxicity to human body. Please take effective measures to avoid inhalation or direct contact.
3. This product is for R&D only. Not for drug, household, or other uses.
4. For your safety and health, please wear a lab coat and disposable gloves during the operation.