

ACEolute™ Rapid DNA/RNA Electrophoresis Buffer Instant Granules, 2L/pk

Cat# C7047 – 10 pks | C7048 – 100 pks

Store at room temperature

Introduction

ACEolute™ Rapid DNA/RNA Electrophoresis Buffer is an upgraded product of conventional nucleic acid running buffer such as TAE or TBE buffer. This product has low sensitivity to salt ion concentration and allows electrophoresis at a high voltage of up to 30 V/cm, with less heat generation, high resolution, and extremely fast electrophoresis, which can complete electrophoresis in 5-10 minutes

Applications

DNA/RNA Electrophoresis

Features

- ✓ Fast and efficient: It can withstand high voltage, the electrophoresis time is short, and the electrophoresis can be completed in 5~10 minutes, which is 3 times faster than TAE/TBE.
- ✓ Good compatibility: does not affect subsequent Southern hybridization, DNA gel recovery and DNA ligation reactions.
- ✓ Especially suitable for PCR fragments: with extremely high resolution for short bands and sharp band patterns.
- ✓ Precise: accurate weighing of particles, accurate setting of PH value
- ✓ Fast: only 10 seconds to prepare the solution
- ✓ Professional: all raw materials comply with AR/GR level
- ✓ High quality: guarantee excellent reproducibility between different batches
- ✓ Stable: up to 3 years at room temperature

Recommended Protocol

A package of instant particles dissolved in 2000 mL of deionized water can generate.

Notice:

- 1) Use pure water to make the Rapid DNA/RNA Electrophoresis Buffer.
- 2) Use Rapid DNA/RNA Electrophoresis Buffer to prepare agarose gel.
- 3) The voltage should be tested and optimized.
- 4) DNA/RNA staining dye can be added to Rapid DNA/RNA Electrophoresis Buffer or gel to observe nucleic acid bands.

PRODUCT USE LIMITATION

These products are intended for research use only.