

# Agarose With TAE Powder (1%)

## 1 Contents

Components	HY-K1029-20 pouches	HY-K1029-100 pouches
Agarose With TAE Powder (1%)	20 pouches	5 × 20 pouches

## 2 Introduction

MCE Agarose With TAE Powder (1%) mainly consists of proportionally mixed agarose and TAE Powder. This product provides a convenient way to make 1% agarose gel and eliminates the need to weigh and mix individual components.

## 3 General Protocol

1. Add 1 pouch of powder into the cleaned conical flask and dissolve with 100 mL pure water. Seal the flask and heat in the microwave until the agarose is completely dissolved.
2. Add Nucleic Acid dye (HY-K1004 MCE SYBR Green I Nucleic Acid Gel Stain).
3. Mix gently and pour the agarose solution into the rubber board and insert the comb in place. The thickness of the gel is generally 3-5 mm.
4. Cool at room temperature for 30-60 minutes for subsequent electrophoresis.

## 4 Storage

Store at room temperature for 3 years

## 5 Precautions

1. Ensure that the agarose is completely dissolved.
2. Pay attention to prevent burns during heating.
3. Place the gel in TAE or TBE buffer if not used immediately.
4. This product is for R&D use only, not for drug, household, or other uses.
5. For your safety and health, please wear a lab coat and disposable gloves to operate.