Product Information Sheet

1% Agarose in Tris-Acetate-EDTA (TAE), pHast Pack™ Buffers

Catalog Number PPB012

Product Description

Contents of one pouch, when dissolved in 250 mL of ultrapure water, will yield a 1× solution containing 40 mM Tris acetate, 1 mM EDTA, and 1.0% (w/v) agarose. Contents tested to be DNAse, RNAse, and Nickase free.

Application

Tris-Acetate-EDTA buffer with 1.0% agarose is primarily used for gel electrophoresis to separate nucleic acids.

Preparation Instructions

In a 1 L flask, combine pHast pack contents with 250 mL ultrapure water and mix well. Microwave on high for ~1 minute to boil and dissolve the agarose. Use a heat resistant glove to remove the flask every 10 – 15 seconds to mix gently by swirling the liquid in a circle at the bottom of the flask. Repeat until the agarose is fully dissolved. Cool the flask slightly with cold water while swirling every 10 – 15 seconds, add the stain, and pour the gel. Allow agarose gel to fully cool and solidify before removing combs.

Storage and Stability

Store at room temperature. Product may naturally agglomerate but can be simply broken up within the pouch prior to use.

Precautions and Disclaimer

For R&D use only. Not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Notice

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