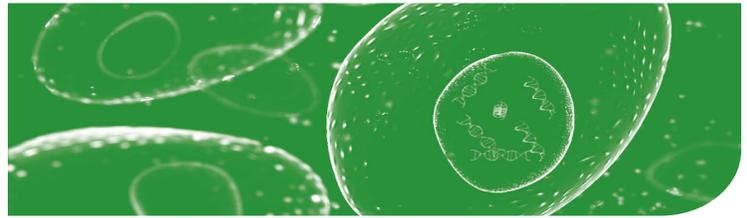


# Melt & Pour UltraSpec-Agarose™

Catalog #601

Store @ room temperature.



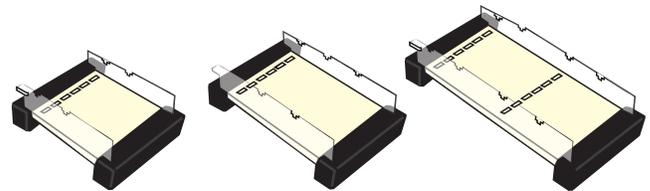
Melt and Pour UltraSpec-Agarose™ consists of 0.8% electrophoretic grade UltraSpec-Agarose™ in tris-acetate-EDTA buffer, pH 7.9-8.0. The agarose concentration is sufficient for the separation of DNA fragments in the size range of 500-30,000 base pairs and complements the majority of EDVO-Kits that involve DNA electrophoresis. Enough UltraSpec-Agarose™ is provided to make six 7 x 14 cm gels, eight 7 x 10 cm gels, or twelve 7 x 7 cm gels.

1. Break up agarose by squeezing and vigorously shaking bottle. Loosen cap to allow for venting.
2. Melt the agarose using low to medium settings on the microwave oven. A boiling waterbath is needed if using a hot plate or bunsen burner.
3. Periodically remove from heat, wait approximately ten seconds, gently swirl to mix.
4. Carefully continue heating - when the mixture becomes transparent, with no unmelted aggregates or partially melted gummy residue in the bottle, remove from heat.
5. Cool to 60°C with swirling to promote even dissipation of heat.
6. Measure the appropriate volume of melted agarose and cast the gel(s).

**Caution:** The mixture may boil over. Carefully monitor the melting of the agarose and stop heating before it starts to boil over.



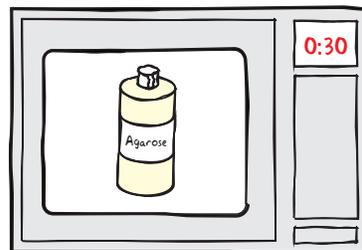
**Wear safety goggles and gloves!**



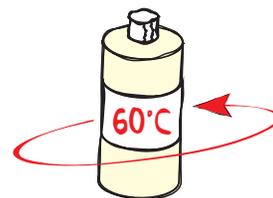
7x7cm tray

7x10cm tray

7x14cm tray



**Caution! Bottle will be HOT!**



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Conditions: EDVOTEK, Inc. warrants the materials it sells to meet EDVOTEK's performance specifications in effect at the time of shipment. EDVOTEK, Inc.'s liability under this warranty is limited to the repair of defects or the replacement of the product at its option. It is subject to receipt of reasonable proof by the customer that the defect is embraced within the terms of the warranty. All claims made under warranty must be presented to EDVOTEK, Inc. within 30 days following the date of delivery of the product to customer. EDVOTEK, Inc. does not accept responsibility for user conversion, abusive use, lack of, or improper maintenance of equipment.