

## Product Datasheet

### LM Agarose (orb653790)

**Description**

Low Melting (LM) Agaroses are derivatized by organic synthesis which generates methoxylate groups from the basic agarose structure. The main properties of these agaroses are their low melting and gelling temperatures when compared with standard agaroses. LM Agarose is a recommended agarose for electrophoresis of DNA fragments  $\geq 10000$  bp, tissue/cell culture and viral plaque assays. LM Agarose is characterized by lower gel strength and highest clarity compared to standard agaroses. The low melting temperature allows the recovery of undamaged nucleic acids below the denaturation temperature. The low gelling temperature ensures that the agarose will be in a liquid state at a temperature range where in-Gel manipulations can be performed without prior extraction of the DNA from the gel slice.

**Form/Appearance**

fine homogeneous powder; Color: white

**Storage**

store at ambient temperature

**Note**

For research use only

**Expiration Date**

12 months from date of receipt.

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