



Agarose, high resolution

Catalog No: 52588
Lot No: XXXXX
Cas No: 9012-36-6
Supplied as: solid
Stability: stable at room temperature

Background

An agarose for molecular screening that improves resolution of small DNA fragments and PCR products <1000 bp. High resolution agarose is suitable for applications that require efficient separation of small DNA fragments and PCR products. A high gel strength improves handling (even at low agarose concentrations) and allows the use of this agarose in blotting.

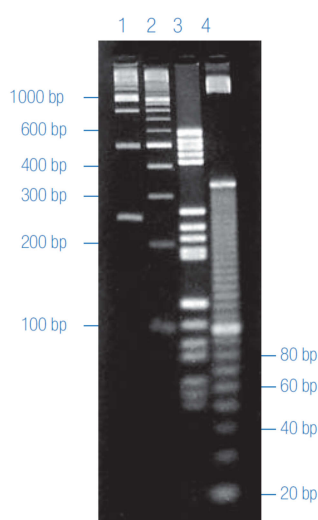


Figure: Agarose, high resolution gel, 3% concentration in 1X TAE buffer. Markers: lane 1-250 bp ladder; lane 2-100 bp ladder; lane 3-molecular weight marker V (Roche); lane 4-10 bp ladder. Electrophoresis conditions: submarine gel, 2 hours, 4.5 V/cm in 1X TAE buffer.

Tests

Electroendosmosis:
Gel strength 3% (g/cm²):
Gelling temperature:
Melting temperature:
DNases/RNases:
DNA resolution ≤1000 bp:
DNA binding:
Gel background:
Sulfate:

Specifications

≤0.12% (EEO)
 ≥1500
 ≤35.5°C
 ≤80°C
 none detectable
 finely resolved
 very low
 very low
 ≤0.11%

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.