

Agarose – Molecular Biology Grade



Cat. No: SM755-0100

Size: 100 g

Store at ambient temperature

Features

- DNase/RNase-free
- Fast and convenient
- Greater gel-to-gel consistency
- Gels as low as 0.5% are feasible
- Safer and cleaner to use than conventional agarose powder

Application

- Ideal for separating nucleic acids of a wide range of sizes

Description

Agarose- Molecular Biology Grade (DNase/RNase free) are designed to provide a cleaner, safer, no-mess environment. Simply add powders to electrophoresis buffers, heat the solution, and then prepare your gel.

Storage Conditions: Cool, dry place

Analytical Specifications:

Appearance	White powder
Gel strength of 1% (w/v) gel	>1280 g/cm ²
Melting point of 1.5% (w/v) gel	88-90°C
Gelling temperature	37-39°C
Sulfate	<0.1%
RNAase and RNase	absent

Troubleshooting

Refer to the table below to troubleshooting problems that you may encounter when did culture cells with the supplement.

Problem	Cause	Solution
Hard to solidify	Incorrect concentration	Optimum concentration

Related Ordering Information

Cat. No.	Description	Size
SL001-1000	Novel Juice	1 ml
SD003-R500	100bp DNA Ladder H3 RTU	500 µl
SD010-R500	1Kb DNA Ladder RTU	500 µl

Caution

1. During operation, always wear a lab coat, disposable gloves, and protective equipment.
2. All products are for research use only.