Agarose Molecular Grade

Shipping: Ambient temperature

Exp. Date: See bottle

Batch No.: See bottle

Catalog numbers

BIO-41026 : 100g

BIO-41025 : 500g

Store at –20°C

Storage and stability:
The Agarose is shipped at ambient temperature and should be stored in a cool, dry place. When stored under optimum conditions, the Agarose is stable for a minimum of 12 months from date of purchase.

Safety precautions:
Harmful if swallowed. Irritating to eyes, respiratory system and skin. Please refer to the material safety data sheet for further information.

Notes and Trademarks:
HyperLadder and MyTaq are trademarks of Bioline Ltd
Research Use Only

Description

Bioline Agarose (DNase/RNase-free) is an extremely pure, high molecular biology grade agarose powder that has been extensively tested for RNase contamination. Bioline Agarose provides high resolution of DNA and RNA separated by electrophoresis and offers consistent resolution from lot to lot.

Features

- DNase/RNase-free
- Excellent value and clarity
- High gel strength
- Available as pre-weighed 0.5g agarose tablets

Applications

- DNA/RNA electrophoresis
- Ideal for separating nucleic acids of a wide range of sizes, especially large fragments (>1Kb)

Analytical Specifications:

Appearance:	White crystals or powder
Gel strength of 1.5% (w/v) gel	≥1200g/cm^2
Fusion point:	88-90°C
Gelling temperature:	37-39°C
EEO:	0.05-0.1
Moisture:	≤ 7%
Sulfate:	≤ 0.05%
DNase/RNase:	None

Associated products

Product Name	Pack Size	Cat. No.
HyperLadder™ I	200 Lanes	BIO-33025
MyTaq™ DNA polymerase	200 Units	BIO-21105
Crystal 5x DNA Loading Buffer Blue	2 x 1ml	BIO-37045
Crystal 50x TAE buffer	5 pouches	BIO-37103
Crystal 10x TBE buffer	10 pouches	BIO-37104

Product citations

1. Ansari, S. B., *et al. African J. Biotechnol*. **9(43),** 7230-35 (2010).
2. Arpanahi, A., *et al. Gen. Res.* **19,** 1338-49 (2009).
3. Passante, E., *et al. Inflamm. Res.* **58(9),** 611-18 (2009).
4. Benest, A. V., *et al. Meth. Mol. Biol*. **467,** 251-70 (2009).
5. Kaszimierczak, K. A., *et al. Antimicrob. Agents Chemo*. **52(11),** 4001-09 (2008).
6. Fernandes, J. M. O., *et al. J. Exp. Biol*. **210,** 3461-72 (2007).