



Agarose Powder and Tablets

Resolving Your Challenges

- **High-Quality:** certified DNase/RNase-free for analysis and recovery of DNA and RNA in all routine applications
- **Reliable:** forms strong gels, even at low concentrations, thereby improving handling and minimizing gel breakage
- **Flexible:** ideal for high-resolution analysis of DNA and RNA fragments between 500 bp and 40,000 bp
- **Precise:** low background even at high agarose concentrations for improved visualization and excision of DNA fragments
- **Convenient:** pre-weighed tablets for minimal handling, improved consistency and reduced time to results

Bioline Agarose is ideally suited for routine analysis of nucleic acids by gel electrophoresis and blotting.

Extremely pure, high molecular biology grade Agarose and Agarose Tablets from Bioline have no detectable DNase or RNase activity, form strong gels with low background upon ethidium bromide or SYBR® Green staining and confer high electrophoretic mobility.

APPLICATIONS

- PCR analysis
- Southern/northern blotting
- Restriction enzyme mapping
- Resolution of PCR fragments
- Confirmation of plasmid construction
- Detection of DNA polymorphisms
- Fingerprinting
- Glycoprotein electrophoresis
- Recovery of DNA

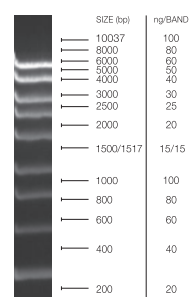


Fig. 1 High resolution of DNA and RNA fragments
5 µL HyperLadder 1 kb run on a 1% Bioline Agarose gel in TAE.

EXCELLENT RESOLUTION

Bioline Agarose and Agarose Tablets sharply resolve DNA and RNA fragments from 100 bp to 40 kb, with consistent resolution from lot-to-lot, making them ideal for analytical separation, analysis and recovery of DNA and RNA in all routine electrophoresis applications. A low EEO (electroendosmotic) flow minimizes diffusion, so that even the smallest nucleic acid fragments remain sharp and tightly resolved, while a high gel strength aids handling and maintains compatibility with blotting techniques.

FAST AND CONVENIENT

Bioline Agarose is also available in tablets that each contain a precise quantity of agarose (0.5g), thereby eliminating the inconvenience of measuring loose agarose powder and improving accuracy.

Ordering Information

Agarose Powder and Tablets	Size	Cat. #
Agarose, Molecular Grade	100 g	BIO-41026
	500 g	BIO-41025
Agarose Tablets	300 g	BIO-41027

PSGBL1118V2.1

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