

Agarose LE

High Performance, General Purpose Agarose

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GET ONE FREE!

Now through 08.31.11, order 1 x 500g bottle & get another 500g bottle free.



Green Choice
Organic Solvent Free

DOT Agarose LE is a highly purified agarose, suitable for a variety of molecular biology applications. It is refined using an advanced process that *excludes the use of organic solvents*, yielding a cleaner end-product with a significantly reduced environmental impact. Agarose LE can be used for analyses of proteins and nucleic acids of various sizes (150 bp to 6 kbp).

Its low EEO ($\leq 0.13\text{-m}_r$) promotes increased electrophoretic mobility, yielding improved resolution and shorter run times. This also allows macromolecules and larger particles (subcellular fragments, viruses, etc.) to migrate more freely through the gel matrix. The consistently low EEO also provides a reduction in band distortion (caused by counterflow) that can result from the presence of excessive sulfate-rich negative ions.

Agarose LE is widely used for nucleic acid electrophoresis (analytical and preparative), protein electrophoresis (including radial immunodiffusion) and various blotting protocols. It is easily soluble, free of nucleases, and easy to use. It is highly transparent (forms a clear, colorless solution at 1g:100ml H₂O), and exhibits exceptionally low absorption of chemical staining agents. Pore size can be adjusted by simple modifications to the concentration ratio.

Formulated for high gel strength and integrity, Agarose LE exhibits exceptional thermal stability and mechanical resistance, ensuring safe, easy handling, regardless of whether a denaturing agent has been added.

- **Multi-purpose, high purity**
- **Enhanced resolution and clarity**
- **Reduced background**
- **Low EEO/increased electrophoretic mobility**
- **RNase, DNase, Protease-free**
- **High hysteresis, improved thermal stability**

Technical Data

Moisture:	$\leq 7\%$
EEO (electroendosmosis):	$\leq 0.13\text{-m}_r$
Sulfate:	$\leq 0.20\%$
Gelling Temp. (at 1.5%):	$36^\circ \pm 1.5^\circ\text{C}$
Melting Temp. (at 1.5%):	$88^\circ \pm 1.5^\circ\text{C}$
Gel Strength (at 1.0%):	1200g/cm^2
Gel Strength (at 1.5%):	2500g/cm^2
DNase, RNase:	None detected
Endonuclease:	None detected
Protease:	None detected

Ordering Information

AGLE-25	Agarose LE, organic solvent free, 25g	\$37.80
AGLE-100	Agarose LE, organic solvent free, 100g	\$104.00
AGLE-500	Agarose LE, organic solvent free, 500g	\$369.00

4165 Lippincott • Burton, Michigan 48519
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Also available . . .

BenchMixer™ Vortex Mixer



- Powerful motor for INSTANT vortexing
- Q-Drive™ dynamic balance system
- Touch or continuous operation
- Variable speed control, 200 to 3200rpm



BV1000-FLAT



BV1000-COMBO

BV1000	BenchMixer vortex mixer	\$199.00
BV1000-FLAT	Optional 3 in. flat head	\$22.00
BV1000-COMBO	Head for 1 microplate & up to 66 microtubes	\$44.00

myBLOCK™ Mini Personal sized dry bath



- Compact, fits in the palm of your hand
- Exchangeable blocks, from 0.2 to 50ml
- Digital temperature control
- Clear cover, ensures temperature uniformity



BSH100	MyBlock Mini Digital Dry Bath	\$199.95
BSH100-02	Block, 40 x 0.2ml (or 5 PCR strips)	\$79.00
BSH100-05	Block, 24 x 0.5ml	\$74.00
BSH100-15	Block, 15 x 1.5ml	\$74.00
BSH100-1520	Block, 15 x 1.5 or 2.0ml	\$74.00
BSH100-150	Block, 4 x 15ml	\$98.00
BSH100-500	Block, 2 x 50ml	\$98.00

myFUGE™ 12 Mini MicroCentrifuge



- COMBI-Rotor™ for tubes & strips
- 12 x 1.5ml - twice the capacity of traditional mini centrifuges
- Starts and stops in seconds



C1012	MyFuge 12 Microcentrifuge, with COMBI-Rotor for microtubes & PCR strips	\$349.00
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Unique COMBI-Rotor

BenchRocker™ 2D & 3D Rocking Platforms



- Adjustable speed & tilt angle
- Gentle washing to vigorous mixing
- Incubator/cold room safe

2D "See-Saw" Rocker

BR2000*	BenchRocker 2D, 2 to 30 rpm, 14x12 in. platform with flat mat	\$698.00
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3D "Gyratory" Rocker

B3D2300*	BenchRocker 3D, 2 to 30 rpm, 12x12 in. platform with flat & dimpled mat	\$698.00
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*Optional stacking platforms are available.

Prices subject to change without notice.