

# EZ Pack™ Agarose

## 0.5g Agarose Tablets (Standard LE Grade)

**NEW EZ Pack Tablets**  
**Eliminate Weighing**



Researchers trust Benchmark's Agarose LE to meet their electrophoretic needs for a variety of applications. Now the same agarose is available in a convenient, no mess tablet.

Agarose LE is refined in an advanced process that excludes the use of organic solvents. The result is a cleaner end product with significantly reduced environmental impact. The agarose can be used for analyses of nucleic acids from 150bp to 6kbp, protein electrophoresis and various blotting protocols.

The low EEO of the agarose 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 reduces band distortion (caused by counterflow) that can result from the presence of excessive sulfate-rich negative ions.

The quick dissolving EZ Pack tablet contains 0.5g (500mg) of Agarose LE, eliminating the hands-on time and inaccuracies normally associated with weighing. Use of the tablet is not only convenient and cleaner, it also provides better consistency and reproducibility gel to gel. Gel preparation is simple - add the desired number of tablets to electrophoresis buffer, allow to sit for two minutes and then heat and pour as usual. The resulting gels are highly transparent, have exceptional thermal stability (ensuring safe and easy handling) and exhibit exceptionally low absorption of chemical staining agents.

EZ Pack Agarose Tablets are supplied in convenient blister packs for safe, clean dispensing.

- + **Fool-proof, no weighing**
- + **Fast dissolving, just two minutes**
- + **Environmentally friendly, free of organic solvents**
- + **Consistent, reproducible gels**
- + **Enhanced resolution and clarity**

### Technical Data

Gel Strength:	≥ 1200g/cm <sup>2</sup> (1%) ≥ 2500g/cm <sup>2</sup> (1.5%)
Gel Temperature:	36°C +/- 1.5°C (1.5%)
Melt Temperature:	88°C +/- 1.5°C (1.5%)
EEO (-m <sub>r</sub> )	≤ 0.13
Moisture Content:	≤ 10%
Sulfate:	≤ 0.20%
RNase/DNase	<b>None Detected</b>
Protease/Endonuclease:	<b>None Detected</b>
Store at:	<b>Room Temperature</b>

### EZ Chart:

Buffer volume required to achieve desired gel strength:

GEL %	1 Tab	2 Tabs	3 Tabs
0.8%	63ml	125ml	188ml
1%	50ml	100ml	150ml
1.2%	42ml	83ml	125ml
1.3%	38ml	77ml	115ml
1.5%	33ml	67ml	100ml
1.8%	28ml	56ml	83ml
2.0%	25ml	50ml	75ml

### Ordering Information

A2501	EZ Pack Agarose Tablets, 100g (200 tabs)
A2505	EZ Pack Agarose Tablets, 500g (1000 tabs)

**Benchmark**  
Scientific

PO Box 709 Edison, NJ 08818  
Phone: 908-769-5555 Fax: 908-222-1864  
Web: [www.BenchmarkScientific.com](http://www.BenchmarkScientific.com)  
Email: [Info@BenchmarkScientific.com](mailto:Info@BenchmarkScientific.com)