



Biomoles, Inc

Tel: 206-812-1524
Fax: 206-545-2897
Email: biomole@biomoles.com

Biomoles, Inc • Precast Agarose Gel

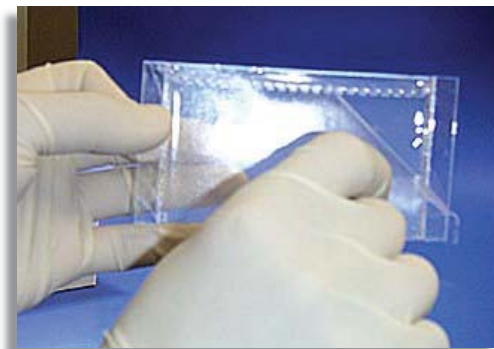
Biomoles' **Precast Agarose Gels** are cast in different concentrations and well formats in order to offer the best separation and resolution access for nucleic acid analysis. The specially designed



UV transmitting trays have two breakable banks which enable standard operation and fit into electrophoresis chambers of various sizes. It also provides easy, convenient access for observing nucleic acid mobility directly during the electrophoresis process. Under 120mV, the DNA or RNA bands may be observed within 15 minutes, greatly reducing your testing time. These easy-to-use precast gels can preserve up to 6 months at 4° C.

Specifications:

- Fast: with two breakable banks, electrophoresis results can be obtained in as little as 15 minutes.
- UV transmitting tray: observe DNA/RNA mobility directly and repetitively.
- High resolution: sharp bands with minimal background.
- Universal applications: two tray sizes accommodate small to large chambers without extra equipment.
- High quality of agarose: molecular biology grade of agarose with undetectable DNase and RNase.
- DNA range from 10bp to 15kb.
- Storage: 4-25° C for 3-6 months.

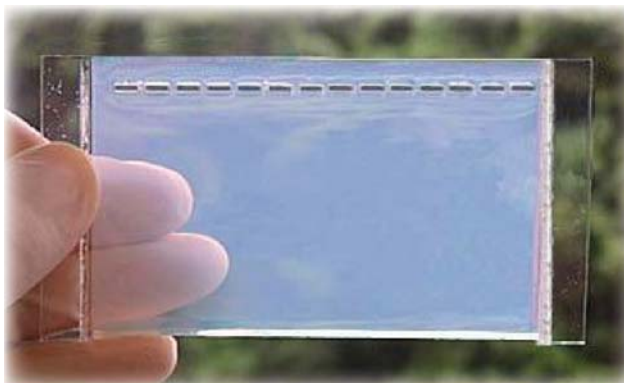


Dimensions and Concentrations

Precast Agarose Gel is designed for nucleic acid electrophoresis. Six concentrations in two sizes are available. Concentrations available are: 0.8%, 1.0%, 1.5%, 2.0%, 3.0% and 4.0% or custom concentrations. Sizes of gel trays available are: 10.0 x 7.0 cm and 6.0 x 10.0 cm (L x W). The actual gel sizes are: 10.0 x 6.4 cm and 6.0 x 9.5 cm (L x W), respectively. These ready gels are prepared in TAE or TBE buffer with or without EtBr.

DNA Ranges for 1.0% - 4.0% Precast Agarose Gels

Gel Concentration	Size Range	Buffer
1.0% Precast Agarose Gel	100bp - 15,000bp	1x TBE / 1x TAE
1.5% Precast Agarose Gel	70bp - 10,000bp	1x TBE / 1x TAE
2.0% Precast Agarose Gel	50bp - 6000bp	1x TBE / 1x TAE
3.0% Precast Agarose Gel	50bp - 1500bp	1x TBE / 1x TAE
4.0% Precast Agarose Gel	10bp - 1000bp	1x TBE / 1x TAE



(continued on reverse side)

Catalog Numbers for Precast Agarose Gels

Catalog No.	No. of Packages	Description
08-14-610AGN	10/30	0.8% agarose gel, 14 wells, 6x10, without EtBr
08-22-610AGN	10/30	0.8% agarose gel, 22 wells, 6x10, without EtBr
08-14-610AG	10/30	0.8% agarose gel, 14 wells, 6x10, with EtBr
08-22-610AG	10/30	0.8% agarose gel, 22 wells, 6x10, with EtBr
015-14-610AGN	10/30	1.5% agarose gel, 14 wells, 6x10, without EtBr
015-22-610AGN	10/30	1.5% agarose gel, 14 wells, 6x10, without EtBr
015-14-610AG	10/30	1.5% agarose gel, 14 wells, 6x10, with EtBr
015-22-610AG	10/30	1.5% agarose gel, 22 wells, 6x10, with EtBr
002-14-610AGN	10/30	2.0% agarose gel, 14 wells, 6x10, without EtBr
002-22-610AGN	10/30	2.0% agarose gel, 14 wells, 6x10, without EtBr
002-14-610AG	10/30	2.0% agarose gel, 14 wells, 6x10, with EtBr
002-22-610AG	10/30	2.0% agarose gel, 22 wells, 6x10, with EtBr
003-14-610AG	10/20/30	3.0% agarose gel, 14 wells, 6x10
003-22-610AG	10/20/30	3.0% agarose gel, 22 wells, 6x10
004-14-610AG	10/20/30	4.0% agarose gel, 14 wells, 6x10
004-22-610AG	10/20/30	4.0% agarose gel, 22 wells, 6x10
003-08-107AG	20	3.0% agarose gel, 8 wells, 10x7
004-08-107AG	20	4.0% agarose gel, 8 wells, 10x7

* 10 free Precast Agarose Gels upon return of 100 empty gel trays.

How to Use:

1. Open the golden gel bags using scissors.
2. Carefully break the two tray bank faces and on the opposite side of the gel well line.
3. Load TAE or TBE buffer into your electrophoresis chamber.
4. Put the gel with the gel tray into the chamber.
5. Add your DNA/RNA samples with proper loading dye into each well.
6. Switch on electrophoresis.

Catalog Numbers for Buffers and Loading Dye

Catalog No.	Product	Packaging	Unit Price (USD)
1000-10-TB	10x TBE Buffer	1000 ml	20.00
1000-10-TA	10x TAE Buffer	1000 ml	20.00
1000-50-TB	50x TBE Buffer	1000 ml	60.00
1000-50-TA	50x TAE Buffer	1000 ml	60.00
2003-05-DY	6x DNA Loading Dye	8 ml	30.00
2003-15-DY	6x DNA Loading Dye	15 ml	56.00

How to Order:

Call: 206-812-1524 or
Email: biomole@biomoles.com
Web: <http://www.biomoles.com>

Biomoles, Inc mission statement:

To provide innovative, high quality molecular biological reagent systems and molecular diagnostic tools worldwide.