

## AGAROSE

### 500mg/pouch (100 pouches/pack)

Cat No.110357

#### DATA-SHEET

Contents of the Pack: 500mg/pouch (100 pouches/pack)

Agarose is a purified linear galactan hydrocolloid isolated from agar or agar-bearing marine algae. Agarose forms a gel matrix that is suitable for analytical and preparative electrophoresis of nucleic acids. The appropriate size range of nucleic acid separation is between 0.1 – 15 kbps depending on the concentration of the gel prepared. Agarose is tested for preparative electrophoresis and isolation of DNA fragments.

#### Specifications:

Electroendosmosis (-m <sub>r</sub> )	0.05 – 0.13
Sulfur as SO <sub>4</sub>	≤ 0.14 %
Gelling temperature (1.5%)	36°C ( ± 1.5°C)
Melting temperature (1.5%)	88°C ( ± 1.5°C)
Gel strength (1%)	≥ 1200 g/cm <sup>2</sup>
Gel strength (1.5%)	≥ 2500 g/cm <sup>2</sup>
DNase	None detected
RNase	None detected

#### Application:

- The analysis of PCR products
- Examination of restriction endonucleases
- Digests of plasmid, cosmid and λ phage DNA and
- Electrophoresis of RNA e.g. denaturing gels containing formamide

Nucleic acid fragments separated with agarose can be blotted to nylon or nitro-cellulose membranes by all standard blotting techniques.

Recommended storage is 15 –25°C

**NOTE :** For research use only. Not for use in Diagnostic or therapeutic procedures.  
Genome Diagnostics Pvt. Ltd., shall not in any event be liable for incidental or special damage of any kind resulting from any use except on applications.



Manufactured and Marketed By :

**GENOME DIAGNOSTICS PVT. LTD.,**  
(An ISO 13485:2003 & ISO 9001:2000 Certified Company)

Up Mohal Naryal, Khasra No. 427, Opp. Divya Packers, Old Timber Depot Road,  
Near sector 4, Parwanoo, Dist. Solan. H.P.

Email: genome24@rediffmail.com

Version : SG-SH04/001

Tel: 00 91 01792 234285,, 234286

[www.genome-diagnostics.com](http://www.genome-diagnostics.com)

[www.genomediagnostics.co.in](http://www.genomediagnostics.co.in)

[www.genomediagnostics.in](http://www.genomediagnostics.in)

[www.diagnosticsgenome.com](http://www.diagnosticsgenome.com)

**PACK SIZE AVAILABLE**

<b>Cat. No.</b>	<b>PRODUCT</b>	<b>Pack Size</b>
110351	Agarose in pouches : 250mg/pouch.	25 pouches/pack
110352	Agarose in pouches : 250mg/pouch.	50 pouches/pack
110353	Agarose in pouches : 250mg/pouch.	100 pouches/pack
110354	Agarose in pouches : 250mg/pouch.	1000 pouches/pack
110355	Agarose in pouches : 500mg/pouch.	25 pouches/pack
110356	Agarose in pouches : 500mg/pouch.	50 pouches/pack
110357	Agarose in pouches : 500mg/pouch.	100 pouches/pack
110358	Agarose in pouches : 500mg/pouch.	1000 pouches/pack
110359	Agarose in pouches : 1gms/pouch.	25 pouches/pack
110360	Agarose in pouches : 1 gms/pouch.	50 pouches/pack
110361	Agarose in pouches : 1 gms/pouch.	100 pouches/pack
110362	Agarose in pouches : 1gms/pouch.	1000 pouches/pack
110363	Agarose in pouches : 2gms/pouch.	25 pouches/pack
110364	Agarose in pouches : 2gms/pouch.	50 pouches/pack
110365	Agarose in pouches : 2gms/pouch.	100 pouches/pack
110366	Agarose in pouches : 2gms/pouch.	1000 pouches/pack
110371	Agarose	25 gm
110372	Agarose	50 gm
110373	Agarose	100 gm
110374	Agarose	5 x 100 gm



**Manufactured and Marketed By :**

**GENOME DIAGNOSTICS PVT. LTD.,**  
**(An ISO 13485:2003 & ISO 9001:2000 Certified Company)**

Up Mohal Naryal, Khasra No. 427, Opp. Divya Packers, Old Timber Depot Road,  
Near sector 4, Parwanoo, Dist. Solan. H.P.

Email: genome24@rediffmail.com

Version : SG-SH04/001

Tel:: 00 91 01792 234285,, 234286

[www.genome-diagnostics.com](http://www.genome-diagnostics.com)

[www.genomediagnostics.co.in](http://www.genomediagnostics.co.in)

[www.genomediagnostics.in](http://www.genomediagnostics.in)

[www.diagnosticsgenome.com](http://www.diagnosticsgenome.com)