

## AGAROSE 100 Gms

Cat No.110373

### DATA-SHEET

**Contents of the Pack: 100 gms.**

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)

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

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[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        |



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