

### Product: Agarose T1, All Purpose Agarose

Code: A2127

Grade: Biotechnology

Agarose T1 from Biomatik is an all purpose agarose. It is ideal for routine rapid separation of DNA and RNA fragments as well as PCR products, the preparation of plasmids, and for screening, cloning and blotting techniques.

Agarose T1 delivers excellent separations of nucleic acid fragments between 250 bp – 23 kb and can be used at concentrations between 0.75% - 2 % which enables it to be used in blotting techniques due to its high gel strength even at low concentrations.

#### FEATURES

Easy dissolution and rapid gelification.

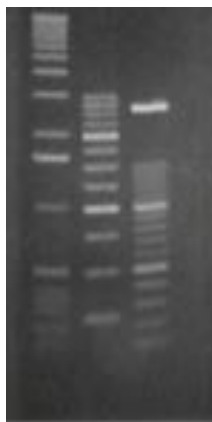
Excellent transparency and low background with staining dyes gives clear band visibility.

Sharp and well defined bands.

Very low DNA binding.

#### SPECIFICATIONS & FUNCTIONAL TESTS

Gel Strength 1% (g/cm <sup>2</sup> )	≥ 1000
Gel Strength 1.5 % (g/cm <sup>2</sup> )	≥ 2000
Gelling Temperature 1.5 % (°C)	36 ± 1.5
Melting Temperature 1.5 % (°C)	88 ± 1.5
Moisture	≤ 10%
Sulfate	≤ 0.15%
Ash	≤ 0.45%
DNase/ RNase activity	None



#### Markers:

Lane 1: 1 Kb ladder,  
Lane 2: 250 bp ladder,  
Lane 3: 100 bp ladder

1 2 3