



# CB-G0100 MULTI AGAROSE

## Introduction

CB-G0100 Agarose is an all purpose agarose for routine nucleic acid electrophoresis of fragments between 100-23,000bp.

CB-G0100 Agarose has no detectable DNase or RNase activity.

## Analytical Specifications

- Gelling temperature (1.5%)  $36^{\circ}\text{C} \pm 1.5^{\circ}\text{C}$
- Melting temperature (1.5%)  $\geq 90^{\circ}\text{C}$
- Gel strength (1%)  $\geq 1,200 \text{ g/cm}^2$

## Applications

- Analytical electrophoresis of DNA and RNA  $\geq 1,000 \text{ bp}$
- Blotting of DNA and RNA

## Suggested Agarose Concentrations

Base Pairs	1X TAE Buffer %	1X TBE Buffer %
1,000-23,000	0.6	0.5
800-10,000	0.8	0.7
400-8,000	1.0	0.85
300-7,000	1.2	1.0
200-4,000	1.5	1.25
100-3,000	2.0	1.75

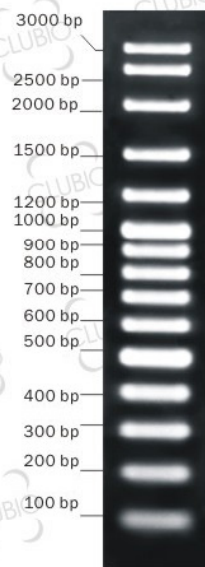
## Dye Mobility Table

Migration of double-stranded DNA in relation to Bromophenol Blue (BPB) and Xylene Cyanol (XC)

Agarose %	1X TAE		1X TBE	
	XC	BPB	XC	BPB
0.30	24,800	2,900	19,400	2,850
0.50	11,000	1,650	12,000	1,350
0.75	10,200	1,000	9,200	720
1.00	6,100	500	4,100	400
1.25	3,560	370	2,500	260
1.50	2,800	300	1,800	200
1.75	1,800	200	1,100	110
2.00	1,300	150	850	70

## Order information

Code	Description
CB-G0100-100	Multi Agarose 100 g/btl
CB-G0100-500	Multi Agarose 500 g/btl



100 bp DNA Ladder  
1% Agarose in 0.5X TBE



Lambda/HindIII  
0.7% Agarose in 0.5X TBE

For orders or more information, please contact :



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