

Quick Guide

Beyond the PCR technology, BIOFACT promises the progress for your research.



gel-rose™ Agarose

[Cat. No. AG111-050, AG111-500]

Contents	AG111-050	AG111-500
gel-rose™ Agarose	50 g	500 g

Discription

DNA / RNA의 전기영동 분석을 위한 제품으로, band pattern 분석과 같이 전기영동을 목적으로 한 실험에 적합합니다. 전기영동 결과 분석에서 종료되는 실험 시 저렴하게 사용이 가능한 제품입니다.

제품 특징 (Feature)

- Gel Strength (1 %) ----- >1,200 g/cm²
- Gelling temperature (1.5 %) ----- 36°C ± 1.5°C
- Melting temperature (1.5 %) ----- 88°C ± 1.5°C
- EEO ----- ≤ 0.13
- Sulfate ----- ≤ 0.15%
- DNase, RNase free / Electrophoresis grade

Application

- DNA, RNA의 전기영동분석
- DNA, RNA의 Northern, Southern blotting
- 면역관련 전기영동

Tip. Suggested Agarose Concentrations

Size Range (Base Pairs)	Final agarose contraction (%)	
	1X TAE Buffer	1X TBE Buffer
1,000 - 23,000	0.60	0.50
800 - 10,000	0.80	0.70
400 - 8,000	1.00	0.85
300 - 7,000	1.20	1.00
200 - 4,000	1.50	1.25
100 - 3,000	2.00	1.75

Tip. Dye Mobility Table

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

Storage Temperature
25 ± 10°C (Room temperature)



Please contact us, if you have any question and need help.
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Related Products

Reagent



EcoDye™
Nucleic Acid Staining Solution
[Cat. No. ES301-1000]

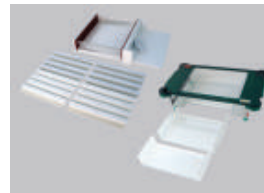


BioFACT™
1 Kb plus DNA Ladder
[Cat. No. SM354-500]

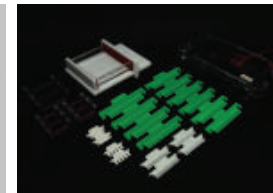


BioFACT™
100 bp plus DNA Ladder
[Cat. No. SM342-500]

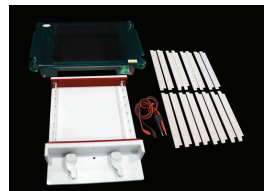
Electrophoresis System & Power Supply



Electrophoresis Kit Large II
[Cat. No. GSA-GT]



Electrophoresis Kit Midi II
[Cat. No. GSA-FT]



Electrophoresis Kit Large III
[Cat. No. GSA-HT]



PS-300HC
Universal Power Supply
[Cat. No. PS-300HC]



PS-600HC
Universal Power Supply
[Cat. No. PS-600HC]

