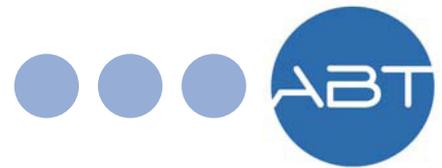


Agarose GA

Electrophoresis Grade

for the routine separation of DNA/RNA



Description:

Agarose GA electrophoresis grade Agarose is ideal for routine rapid separations of DNA and RNA fragments as well as PCR products, the preparation of plasmids, and for screening, cloning and blotting techniques.

Applications:

- High electrophoresis mobility
- Nucleic acid analytical and preparative electrophoresis
- Blotting assays
- Protein electrophoresis such as radial immunodiffusion

Features:

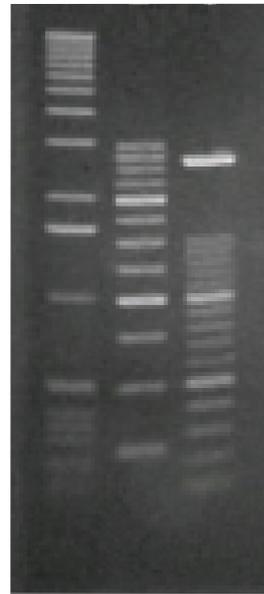
- Easy dissolution and rapid gelling
- Excellent transparency and low background with staining dyes resulting in clear visibility of the bands
- Sharp and well defined bands
- Very low DNA binding

Storage:

Store in a dry place at 15-25°C

Ordering information:

Cat #	Product	Qty.
A-1290-100	AGAROSE GA	100 g
A-1290-500	AGAROSE GA	500 g



Lane 1 : 1 kb ladder
Lane 2: 250 bp ladder
Lane 3: 100 bp ladder

Electrophoresis conditions :
1% gel in TAE1X buffer
4.5 V/cm, 90 min

Agarose GA has high gel strength even at low concentrations, so use rates are 0.75 - 2%. It is effective in blotting and in separations of nucleic acid fractions from 250 bp to 23 Kb.

1 2 3

TECHNICAL SPECIFICATIONS

ASH CONTENT	≤ 0.45%
SULFATE	≤ 0.1%
CLARITY	≤ 4 NTU
GEL STRENGTH 1 %	≥ 1000 g/cm ²
GEL STRENGTH 1.5 %	≥ 2200 g/cm ²
GELLING TEMPERATURE	36 ± 1.5 °C
MELTING TEMPERATURE	88 ± 1.5 °C
DNase/RNase ACTIVITY	None detected

