

Technical Data Sheet

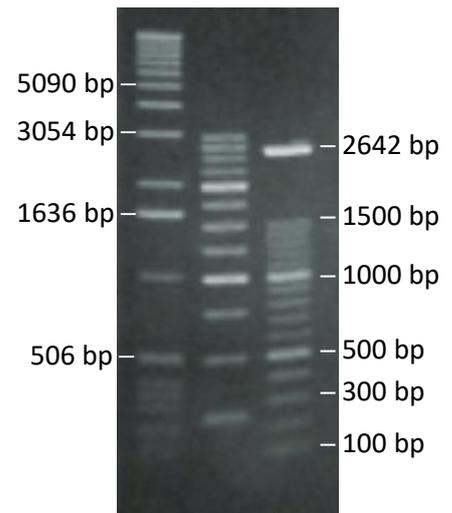
Agarose Basic

for molecular biology

Order number: 1110

Agarose Basic is ideal for routine separations of DNA and RNA fragments as well as PCR products, for preparative electrophoresis, for screening/cloning/ blotting techniques, and protein electrophoresis (such as radial immunodiffusion). Agarose Basic offers a high gel strength even at low concentrations. When used in concentrations of 0.75 - 2 %, it is effective in blotting and in separations of nucleic acid fragments from 250 bp to 12 kb.

Agarose Basic offers an excellent transparency, a low gel background and low DNA binding. Agarose Basic is easy to dissolve and shows rapid gelling.



Nucleic acid separation with 1 % Agarose Basic in TAE buffer. Electrophoresis conditions: 90 min, 4.5 V/cm in TAE buffer.

Technical data

EEO (Electroendosmosis)	0.14 - 0.16
Gel strength (1 %)	≥ 1000 g/cm ³
Gel strength (1.5 %)	≥ 2200 g/cm ³
Gelling temperature	≤ 36 ± 1.5°C
Melting temperature	≤ 88 ± 1.5°C
Sulfate	≤ 0.1 %
Clarity	≤ 4 NTU
DNases/RNases	not detected

Store at ambient temperature and keep product dry.

Related products

2172	Agarose High Resolution for molecular biology
1531	DNA Marker 1 kb (lyophilized) for molecular biology
1530	DNA Marker 100 bp (lyophilized) for molecular biology
1133	dsDNA-Stain nontoX for molecular biology
1254	Ethidium bromide - Solution 0.07 % dropping bottle for electrophoresis
1280	Glycerol anhydrous for molecular biology
1255	TAE buffer (50X) for electrophoresis