

Technical Data Sheet

Agarose low EEO (Standard Agarose)

for biochemistry

Order number: 1127

Agarose low EEO (low Electroendosmosis) is the highest quality agarose suitable for analytical and preparative electrophoresis of nucleic acids, blotting assays and protein electrophoresis (such as radial immunodiffusion). Nucleic acid separation with Agarose low EEO is recommended for fragment sizes between 0.2 -23 kb, depending on the agarose concentration. It's resolution is ideal for **DNA fragments ≥ 1000 bp**. Agarose low EEO offers a very low gel background (low adsorption of staining reagents), high gel transparency and very low DNA binding.

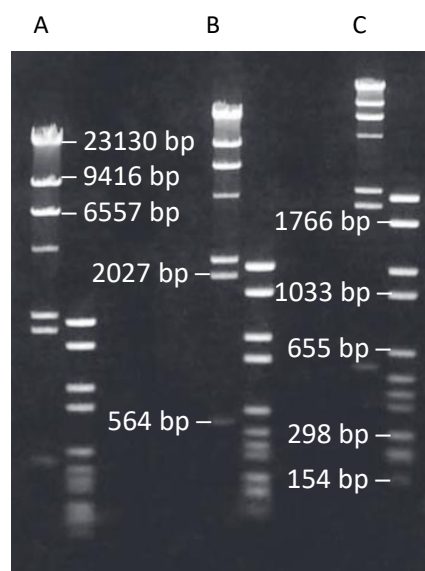
Technical data

EEO (Electroendosmosis)	≤ 0.12
Gel strength (1%)	$\geq 1200 \text{ g/cm}^3$
Gel strength (1.5%)	$\geq 2300 \text{ g/cm}^3$
Gelling temperature	$\leq 36 \pm 1.5^\circ\text{C}$
Melting temperature	$\leq 88 \pm 1.5^\circ\text{C}$
Sulfate	$\leq 0.1 \%$

Store at ambient temperature and keep product dry.

Related products

1110	Agarose Basic for molecular biology
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
1303	TBE buffer (10X) for electrophoresis



Nucleic acid separation with Agarose low EEO in TAE buffer.

A: 0.75% Agarose low EEO

B: 1 % Agarose low EEO

C: 1.25 % Agarose low EEO

Electrophoresis conditions: 2 h, 4.5 V/cm in TAE buffer.

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