SLS Flowgen Low EEO Agarose

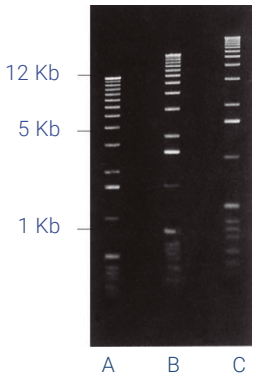
Features

- Extraordinary mechanical resistance for more reliable and easier handling
- Possibility of varying pore size in accordance with particle size by modifying the gel concentration
- Easy gel preparation by simple disolution in aqueous buffers either by standard boiling or microwaving
- Greater thermal stability due to its high hysteresis (difference between gelling and melting temperature)
- Excellent gel transparency and high visibility
- Exceptionally low absorption of staining agents
- Absence of toxicity (polyacrylamide is neurotoxic)

Applications

- Low EEO. High electrophoretic mobility
- Nucleic acid analysis and preparative electrophoresis
- Blotting
- Protein electrophoresis such as radial immunodiffusion.concentrations, so use rates are 0.75–2.0%
- It is effective in blotting and in separations of nucleicacid fragments from 250bp to 23Kb

Product code: SLS1628



Low EEO agarose gel, 1.0% concentration in 1XTAE buffer
A-0.75%; B-1.0%; C-1.25%

Marker: 1Kb ladder

Electrophoresis conditions:

- 2 hours 30 min
- 4.5V/cm in 1XTAE buffer

Specifications & Functional Tests

Moisture	⩽ 10%
Ash	⩽ 0.4%
Sulfate	⩽ 0.15%
EEO (Electroendosmosis)	0.05–0.13
Clarity (1.5%)	⩽ 3 NTU
Gel strength (1.0)%	⩾1200g/cm^2
Gel strength (1.5%)	⩾ 2500g/cm^2
Gelling temperature (1.5%)	36 ± 1.5°C
Melting temperature (1.5%)	88 ± 1.5°C
DNase/RNase activity	None detected
DNA resolution ⩾ 1000 bp	High capacity
Gel background	Very low
Storage	2 to 25°C
Shelf-life	48 months
Pack size	500g

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