Agarose D1 Medium EEO

Cat. 8019

Agaroses

Practical information

Industry: Molecular biology / PCR and Electrophoresis / Cloning / Proteomics / NGS

Principles and uses

Agarose D1 Medium EEO is used in nucleic acid analytical and preparative electrophoresis and protein electrophoresis.

Some important characteristics are:
- 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 preparation of the gel by simple dilution in aqueous buffers either by standard boiling or microwaving.
- Greater thermal stability due to high hysteresis (difference between gelling and melting temperatures).
- Excellent transparency of the gel and high visibility.
- Exceptionally low absorption of staining agents.
- Absence of toxicity (polyacrylamide is neurotoxic).

Physical-chemical characteristics

Description	Specification
Ash	<=0,5%
Sulfate	<=0,14%
Clarity 1,5 % (NTU)	<=4
Gel strength 1% (g/cm2)	>= 1000
Gel strength 1,5% (g/cm2)	>= 2200
Gelling temperature 1,5 % (ºC)	36 ± 1,5
Melting temperature 1,5% (ºC)	88 ± 1,5

Storage

Temp. Min.:2 ºC
Temp. Max.:25 ºC