Technical Datasheet

Article No. 9953

Agarose low electroendosmosis (EEO)

For laboratory use.

Parameter	Value
Appearance	fine, homogenous powder
Color	white
Gel strength 1 % (g/cm2)	⩾ 1200
Gel strength 1.5 % (g/cm2)	⩾ 2500
Clarity 1.5 % (NTU)	⩽ 3
Gelling temperature 1.5 % (°C)	36 ± 1.5
Melting temperature 1.5 % (°C)	88 ± 1.5
EEO	0.05-0.13
Ash	⩽ 0.4 %
Moisture	⩽ 10 %
Sulfate	⩽ 0.1 %
DNase/RNase activity	none detected

Features

- ✓ Low electroendosmosis (EEO) results in high electrophoretic mobility
- ✓ Extraordinary mechanical resistance for increased stability and easier handling
- ✓ Higher thermal stability due to higher difference in gelling and melting temperature
- ✓ Excellent transparency and exceptionally low absorption of staining agents for high gel clarity and visibility

Th. Geyer GmbH & Co. KG

Dornierstraße 4-6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 18417
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST)
IBAN DE85600501010002036302
Stuttgarter Volksbank (Swift/BIC VOBADESS)
IBAN DE67600901000220450005
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 2870/70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungs-GmbH, Renningen
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Thomas Roth

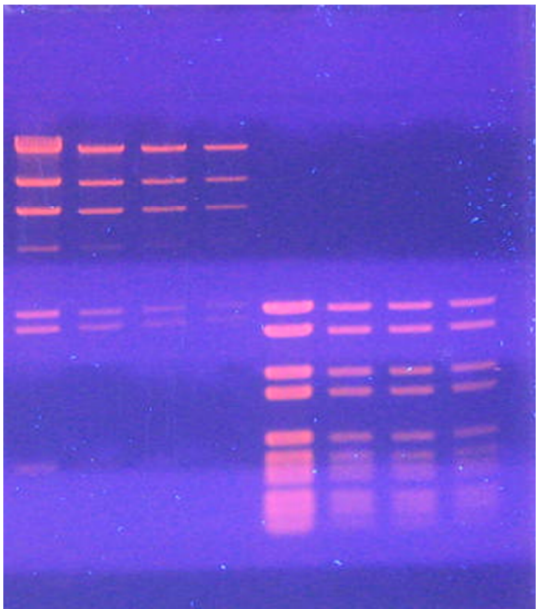
Technical Datasheet

Article No. 9953

Agarose low electroendosmosis (EEO)

For laboratory use.

Functional Test



1 2 3 4 5 6 7 8

1 % Agarose gel in 1X TAE buffer
Lanes 1-4: Lambda DNA. HindIII (0.12- 23.1 kbp)
Lanes 5-8: pBR328DNA. BglI + pBR328 DNA. HinfI (0.15 -2.1 kbp)

Th. Geyer GmbH & Co. KG

Dornierstraße 4-6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 18417
renningen@thgeyer.de
www.thgeyer.de

BW-Bank (Swift/BIC SOLADEST)
IBAN DE85600501010002036302
Stuttgarter Volksbank (Swift/BIC VOBADESS)
IBAN DE67600901000220450005
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 2870/70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungs-GmbH, Renningen
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Thomas Roth