

TopVision Agarose

Catalog Number R0491, R0492

Pub. No. MAN0013146 Rev. C.00



WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Contents and storage

Cat. No.	Contents	Amount	Storage
R0491	TopVision Agarose	100 g	15 °C to 25 °C
R0492		500 g	

Description

Thermo Scientific TopVision Agarose is highly purified agarose with very low EEO values certified by strict quality control test procedures.

Characteristics

Electroendosmosis EEO, -M _r	0.08 - 0.11
Gel strength (1 % gel)	≥1200 g/cm ²
Gel strength (1.5 % gel)	≥2300 g/cm ²
Gel point (1.5 % gel)	34.0 - 38.0 °C
Moisture	≤8.0 %
DNA binding	none detected
Ash	≤0.50 %
Sulphate	≤0.10 %

Application

- Preparation of analytical gels for sharp resolution of nucleic acid fragments.
- Preparation of DNA preparative gels in routine molecular biology techniques.
- Suitable for blotting assays.

Note

- May be used at concentrations between 0.4 - 5 % with all typical buffer systems.
- The DNA can be rapidly recovered from agarose gels after electrophoresis using the Thermo Scientific GeneJET Gel Extraction Kit (#K0691, see www.thermoscientific.com) and is compatible with all common downstream applications including restriction, ligation, etc.

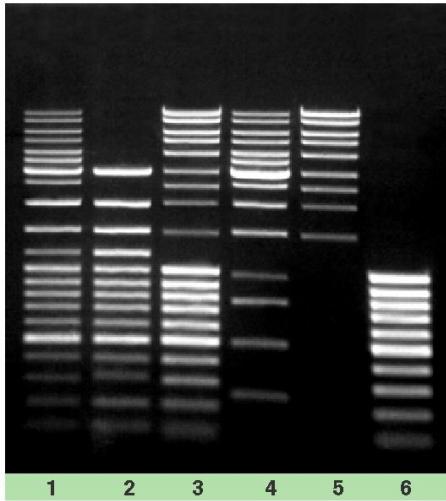


Fig. 1. Electrophoresis of DNA Size Markers.

1 % TopVision™ Agarose, 1X TAE buffer.

1 – GeneRuler DNA Ladder Mix

2 – GeneRuler 100 bp Plus DNA Ladder

3 – GeneRuler DNA Ladder Mix, ready-to-use

4 – GeneRuler 1 kb DNA Ladder

5 – MassRuler High Range DNA Ladder, ready-to-use

6 – GeneRuler 100 bp DNA Ladder

Limited product warranty

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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

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