



CERTIFICATE OF ANALYSIS

Top Vision™ LE GQ Agarose
(low electroendosmosis)

#R0491 100g

Lot:

Store at room temperature

Description

Top Vision™ LE GQ Agarose is highly purified agarose with very low EEO values certified by strict quality control test procedures.

Characteristics

Electroendosmosis EEO	0.12
Gel strength (1% gel)	1385g/cm ²
Gel strength (1.5% gel)	2875g/cm ²
Gel point (1.5% gel)	36.9°C
Melting point (1.5% gel)	87.4°C
Moisture	3.40%

Quality Control

No detectable RNase and DNase activity.

Quality authorized by: *Kvederas* Rimantas Kvederas

Application

- Preparation of analytical gels for sharp resolution of nucleic acid fragments.
- Preparation of DNA preparative gels in routine molecular biology techniques.
- The DNA recovered from agarose gels after electrophoresis can be used in enzymatic process (restriction, ligation, etc.).
- Suitable for blotting assays.

Note

- May be used at concentrations between 0.8-5% with all typical buffer systems.
- Low DNA binding.

PRODUCT USE LIMITATION.

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals. Please refer to www.fermentas.com for Material Safety Data Sheet of the product.

(3) Revised 03.01.2006

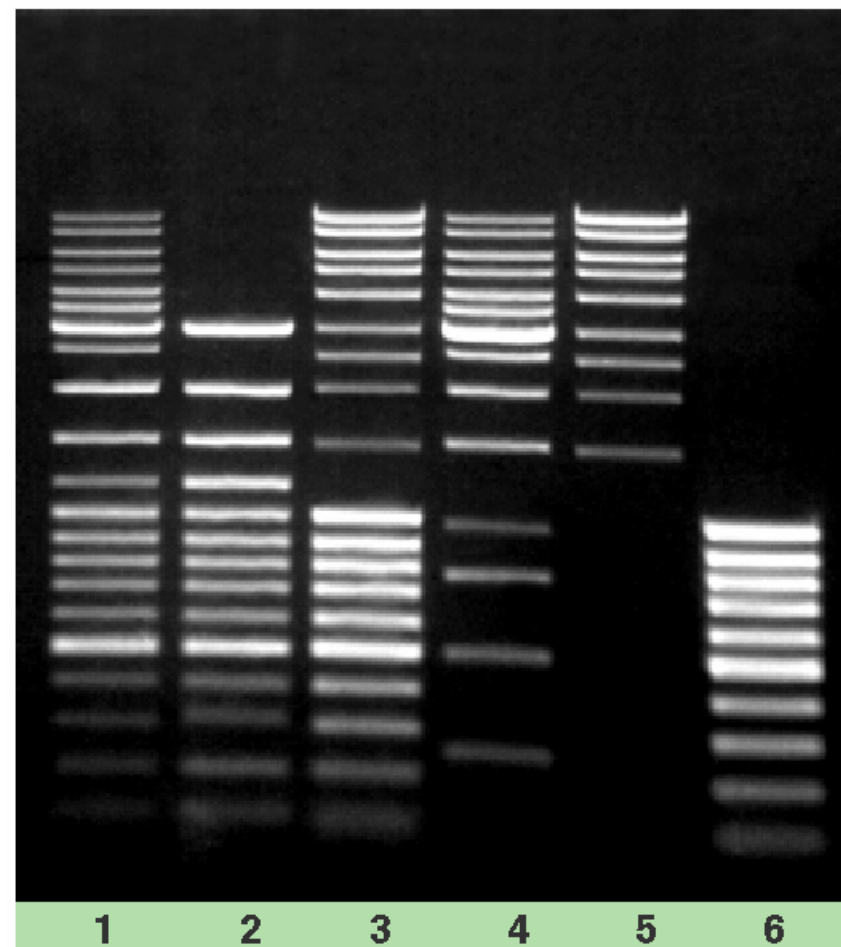


Fig. Electrophoresis of Fermentas' DNA Size Markers.
1% Top Vision™ LE GQ Agarose, 1X TAE buffer.

- 1 – GeneRuler™ DNA Ladder Mix
- 2 – GeneRuler™ 100 bp DNA Ladder Plus
- 3 – GeneRuler™ DNA Ladder Mix, ready-to-use
- 4 – GeneRuler™ 1 kb DNA Ladder
- 5 – MassRuler™ DNA Ladder, High Range, ready-to-use
- 6 – GeneRuler™ 100bp DNA Ladder