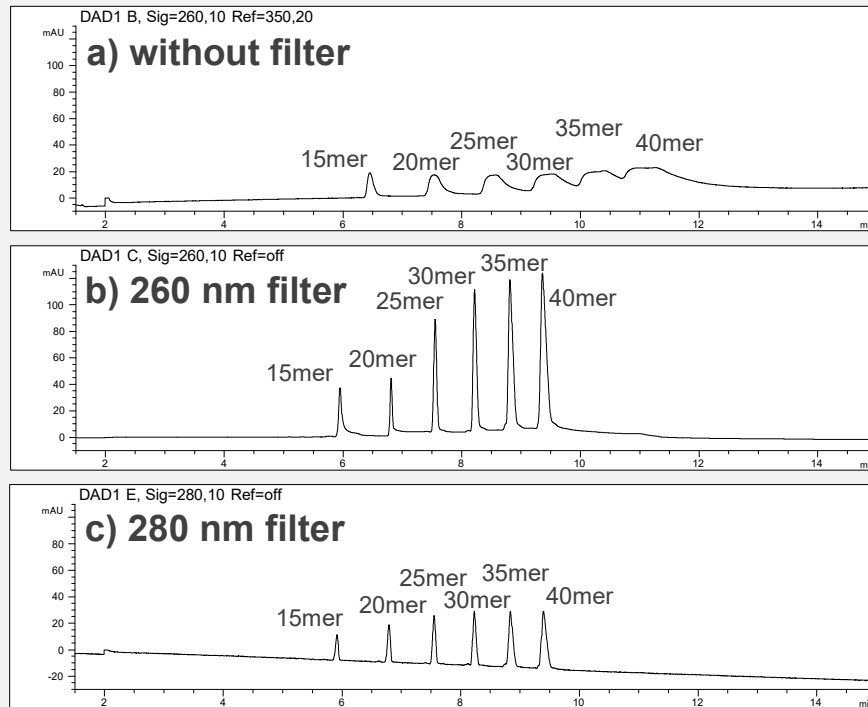


## DNA Ladder Standard (Agilent 5190-9029)



- **Mode: CGE**
- **Electrolyte: BisTris, each 200 mM**
- **Gel: PEG 35000**
- **Capillary: 100  $\mu$ m ID, 33 cm, PVA**
- **Separation: +25 kV, 30°C**

### Sample Information:

Sequence Name	Molecular Weight [Da]	Amount [nmole]
15mer	4500.2	2
20mer	6021.5	2
25mer	7542.4	2
30mer	9064.0	2
35mer	10586.3	2
40mer	12105.9	2

### →NOTE:

The use of a DAD filter is necessary to obtain sharp peaks and good resolution. In principle, both filters are suitable for the application. However, for the separation of the oligos of interest the 260 nm filter should be preferred.

- **Injection: short end, electrokinetic, +10 kV, 5 s**
- **Detection: direct UV, 260 nm and 280 nm**
- **Detector filter: 260 nm (Agilent: G7100-62700) and 280 nm (Agilent G7100-68750)**