

HiQ Agarose

Cat No.	Pack Size
A0024	1×500g
A0025	5×500g

Product description

HiQ Agarose is ideal for routine rapid separation of DNA and RNA fragments as well as PCR products, the preparation of plasmids, and for screening, cloning, and blotting techniques.

Characteristics

- Easy dissolution and rapid gelling.
- Excellent transparency and low background.
- Sharp and well defined bands.
- Very low DNA binding.

Applications

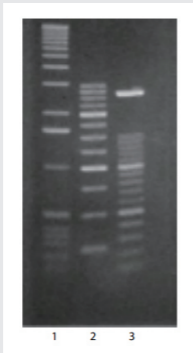
- Immunodiffusion
- Electrophoresis
- Gel Chromatography
- Supports for Biocatalysis
- Solid Culture Media
- Growth of Protein Crystals

Consideration before use

HiQ Agarose has no significant risk. If there is an excessive accumulation of powder, please proceed with the experiments after wearing appropriate protective goggles and respiratory protective gear.

Specification

ASH Content	≤ 0.45%
Sulfate	≤ 0.1%
Clarity	≤ 4NTU
Gel Strength	≥ 1000g/cm ² (1%), ≥ 2200g/cm ² (1.5%)
Gelling Temperature	36 ± 1.5°C
Melting Temperature	88 ± 1.5°C
DNase/RNase	Negative



Functional Tests

Lane 1 : 1 Kb ladder
Lane 2 : 250 bp ladder
Lane 3 : 100 bp ladder

HiQ Agarose has high gel strength even at low concentrations, so use rates are 0.75~2%. It is effective in blotting and in separations of nucleic acid fractions from 250bp to 23Kb.

Storage

Store at room temperature.

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