

NAP DNA Purification Columns



Disposable NAP DNA purification columns, prepacked with Sephadex G-25 DNA Grade for gravity purification of nucleic acids (≥ 10 mers).

NAP DNA columns are disposable DNA purification size exclusion columns, prepacked with Sephadex G-25 DNA Grade which require only gravity to run.

- For rapid and efficient purification of DNA and oligonucleotides (≥ 10 -mers) in less than 15 minutes by gravity flow
- Prepacked with Sephadex G-25 DNA Grade in distilled water containing 0.15% Kathon CG/ICP Biocide
- Available in three sizes depending on sample volume: 0.5 mL (NAP-5), 1 mL (NAP-10)

or 2.5 mL (NAP-25)

- Useful for small-scale purification, oligo purification, desalting, and buffer exchange

NAP DNA purification columns with Sephadex G-25 DNA Grade can be used for any DNA greater than 10 bases in length. These disposable DNA purification columns are ideal for the purification of oligonucleotides or very small DNA fragments following synthesis or a DNA labeling reaction, and for downstream applications such as PCR amplification and sequencing.

Each package includes a complete step-by-step protocol describing the fixed volumes needed for equilibration, washing, and sample elution.

Sephadex G-25 is one of five different G-types ranging from G-10 for small molecules to G-75 for larger molecules. Sephadex G-25 has an exclusion limit of approximately M_r 5000, and when packed into empty MicroSpin columns, the resulting desalting columns can be used in a spin protocol for DNA and oligo purification of any DNA greater than 10 bases in length.

Other Sephadex DNA purification columns and resins, and other DNA purification supports (<https://cdn.cytivalifesciences.com/dmm3bwsv3/AssetStream.aspx?mediaformatid=10061&destinationid=10016&assetid=13716>) are also available depending on your exact application.

Product Specifications

Amersham NAP-25 Columns 

| Parameter | Amersham NAP-25 Columns |
|-------------|--|
| Application | They can be used for any DNA greater than 10 bases in length and are therefore highly suitable for the purification of oligonucleotides or very small DNA fragments following synthesis or a labeling reaction |

Parameter**Amersham NAP-25 Columns**

Column Capacity

< 1 mg/mL

Storage

4 to 30°C

Sample Volume

< 2.5 mL

Pack size

20 columns