DNA Release® Spin Columns

Datasheet

Protein Ark's mini DNA Release spin columns (0.5 ml) are designed for quick and easy reconstitution and retrieval of DNA product from dried samples with minimal loss. Very convenient for the recovery of DNA samples stored on dried substrate and transported between research labs. The mini-columns fit all standard microfuges and allow you to process multiple samples in parallel.

Special dual cycle ethylene-oxide treatment of the DNA Release® spin columns which is ideal for labs requiring Sterile, DNA-free consumables

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Specification:

Sinter type:	Ultra High Density Polyethylene
Plastic construction:	Polypropylene
Sinter pore size:	10-40 µm (mean pore size, 18 µm)
Maximum upper reservoir volume:	0.65 ml
Hold-up volume	< 5 µl
Maximum g force:	14,000 g
Typical spin times:	1 min for 0.65 ml sample at 14,000 g
Storage:	Store at RT (ETO sterilised)
Shelf-Life:	24 months

Method:

1. Place the sterile DNA Release spin basket into the sterile 2 ml collection microtube.
2. Add your sample into the spin basket. For example, a 5 mm punch/cutting of dried DNA on filter paper can be used.
3. Add 5-100 µl of your elution buffer or water to soak the sample substrate. Please note the lower the elution volume the more concentrated your final product. Close the safe-lock lid to prevent any evaporation and protect the sample.

4. Leave for 5 min at room temperature to gently release DNA into solution. This will be recovered in step 5.
5. Spin at 14,000 g for 1 min to recover your released product in the sterile 2 ml DNA Release collection tube. The filter paper will remain in the upper spin basket.
6. Remove the spin basket and close the safe-lock lid on 2 ml tube. Your sample is ready to use.

Ordering Information:

Product	Units	Order Code
DNA Release Pack	25	GEN-DR25

Protein Ark Limited
Telephone +44 (0) 33 33 44 20 25
FAX: +44 (0) 33 33 44 20 25
Email: info@proteinark.com