

Dye Terminator Removal

Performa® DTR



Performa® DTR utilizes a fully hydrated gel filtration matrix that provides for a convenient and simple method of dye terminator removal for CE sequencing clean-up. Performa DTR ensures removal of BigDye® v3.1 or other dye terminators, along with dNTPs, salts and other low molecular weight materials from sequencing reactions. DNA primers and fragments up to 20 bases long, buffers, nucleotides labeled with biotin, isotopes and other assorted markers are also eliminated. To minimize the potential for interference with sequencing applications, no preservatives, salts or buffers are used in the preparation of Performa DTR.


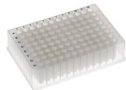
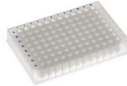
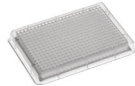
Benefits

- **Long read lengths**
Consistently achieve contiguous read lengths >900 bases >95% of the time
- **More readable sequence**
Identify bases close to the primer with excellent signal strength
- **Quick 2-spin protocol**
Start to finish in only 5 minutes
- **Minimal DNA manipulation**
Just add your sample and spin
- **Ready to use**
Pre-packed with a fully hydrated gel filtration matrix
- **Flexible formats**
Single, 96- and 384-well formats
- **Convenient**
Spin directly into the ABI PRISM® 96-well Optical Reaction Plate or comparable plates and load directly onto capillary sequencers
- **Effective dye terminator removal of various chemistries**
 - BigDye® v3.1
 - BigDye v1.1
 - GenomeLab™ DTCS Quick Start Kit and Methods Development Kit

Downstream Applications

- DNA Sequencing
- SNP Genotyping

Dye Terminator Removal Selection Guide

				
	Performa® DTR Gel Filtration Cartridges	Performa® DTR Ultra 96-well plate	Performa® DTR V3 96-well short plate	Performa® DTR 384-well plate
FORMAT	SINGLE	96-WELL	96-WELL	384-WELL
Spins directly into ABI PRISM® Optical Reaction Plate or EdgeBio Capillary Plate		▶	▶	▶
Removes salts and buffers	▶	▶	▶	▶
Total input reaction volume* of:	5–20 µL	5–20 µL	5–15 µL	5–10 µL
Read lengths >900 bases	▶	▶	▶	▶

* Total final reaction volume increases by 1–4 µL over the input volume

Ordering Information

CATALOG	PRODUCT DESCRIPTION	SIZE
98780	Performa® DTR Gel Filtration Cartridges	36 Cartridges
42453	Performa® DTR Gel Filtration Cartridges	108 Cartridges
54789	Performa® DTR Ultra 96-Well Plate Kit	2 Plates
55373	Performa® DTR Ultra 96-Well Plate Kit	10 Plates
74251	Performa® DTR Ultra 96-Well Plates (No Receivers)	10 Plates
86077	Performa® DTR Ultra 96-Well Plates (No Receivers)	50 Plates
63887	Performa® DTR V3 96-Well Short Plate Kit	2 Plates
89939	Performa® DTR V3 96-Well Short Plate Kit	10 Plates
47938	Performa® DTR V3 96-Well Short Plates (No Receivers)	10 Plates
80808	Performa® DTR V3 96-Well Short Plates (No Receivers)	50 Plates
52571	Performa® DTR 384-Well Plates (No Receivers)	2 Plates
90636	Performa® DTR 384-Well Plates (No Receivers)	10 Plates

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