

FastGene® Dye Terminator Removal Kit

Optimized Sequencing Results

FastGene® Dye Terminator Removal Kit removes dye terminator molecules from sequencing samples using an efficient and reasonably priced gel filtration. The kit includes a bottle of gelfiltration matrix, resuspension buffer and filter spin columns. At first an aliquot of the matrix will be mixed with resuspension buffer. Thereafter the equilibrated matrix is transferred into filter spin columns. After a brief spin up to 20 µl of the sequencing reaction can be loaded onto the column. The last centrifugation step will elute the purified sample. All kits can be stored at room temperature

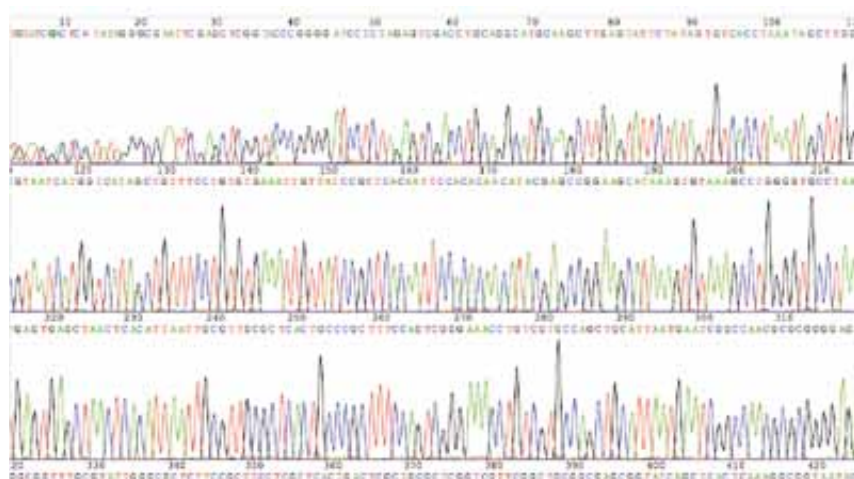


Fig. 1: 20 µl sequencing reaction including 2,5 µl BigDye™ Terminator v3.1 was purified with FastGene® Dye Terminator Removal Kit and analyzed on an ABI 3100 sequencer. The DNA purified by the FastGene® Dye Terminator Removal Kit shows a very good performance in sequencing experiments, no dye blobs occur.

Specification

Parameter	Dye Terminator Removal
Max. sample volume	20 µl sequencing reaction
Recovery	> 90%
Prep time	5 minutes
Storage	room temperature, 12 months

Ordering Information

Cat.No.:	Product	Content
FG-9411	FastGene® Dye Terminator Removal Kit	50 preps






Resin preparation	 6.3ml Buffer DT Vortexing >30min at room temperature
Column preparation	 Apply 600 µl hydrated resin into the column 750 x g ; 3min
	 Transfer the column into a new tube.
Loading sample	 Up to 20 µl of sample solution Load the sample gently onto the center of the gel.
Sample purification	 750 x g ; 3min

Fig. 2: Workflow of the FastGene® Dye Terminator Removal Kit.