



REAL-Dye™ Terminator Cycle Sequencing Kit

REAL-Dye™ Terminator Cycle Sequencing Kit provides pre-mixed reagents for Sanger sequencing reactions. The kit uses four different fluorescent dyes to label ddNTPs, which are added sequentially to the primer through a cycle sequencing reaction. The kit reagents are suitable for performing fluorescence-based cycle sequencing reactions on single-stranded or double-stranded DNA templates, on PCR fragments, and on large templates (for example, BAC clones).

With enhanced robustness and better dye mobility characteristics, the REAL-Dye™ Terminator Cycle Sequencing Kit can be used in a wide range of applications with the following features:

- Long read lengths
- Improved productivity for less cost
- Longer reads with more uniform peak heights
- Better performance reading through GC rich regions

Template Compatibility:

- Genomic DNA (Bacterial)
- Plasmid DNA (<15Kb)
- Single Stranded DNA
- Lambda DNA
- PCR Amplicons

Applications:

- De novo sequencing
- Long-read sequencing
- Mixed-base detection
- Sequencing difficult templates
- Sequencing across all template types (plasmids, PCR products)
- Sequencing short PCR products using rapid electrophoresis run modules

Catalog No.	517001
Size	
Product Category	Sanger Sequencing
Platform	ABI 310 /3100 / 3130 / 3130xL / 3500 / 3500xL / 3730 / 3730xL
Pack Size	100 rxns / 1000 rxns
Storage/Storage	-20°C / 1 year
Shipping	Gel Packs

www.realgenelabs.com

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