



# BrilliantDye™ Terminator Cycle Sequencing Kits

*The alternative for BigDye®*

**Life Technologies™**  
Your Molecular & Cell Technology Partner

“

No need for changes  
in protocol, settings  
or calibration.

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- ▶ Compatible with all ABI genetic analyzers
- ▶ Available in chemistry versions 1.1 and 3.1

**Life Technologies (India) Pvt Ltd.**

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## Introduction

The BrilliantDye™ Terminator Cycle Sequencing Kits are based on the trusted Sanger Chain Termination method.

### Format

The kits are delivered as a 2.5x concentrated ready-reaction premix, fully optimized for a highly flexible chemistry, designed for all kinds of Sequencing applications, including de novo sequencing and resequencing. The kits generate data with uniform peak heights and optimized signal balance to produce long, high-quality reads.

### Two versions available

The BrilliantDye Terminator v1.1 Cycle Sequencing Kit is designed for specialty applications that require optimal basecalling adjacent to the primer. The BrilliantDye Terminator v3.1 Cycle Sequencing Kit is the method of choice for longest reads.

### Dye set

The kits are optimized to run with Dye Set E for BrilliantDye Terminator v1.1 and Dye Set Z for BrilliantDye Terminator v3.1. Refer to your instrument manual how to calibrate the system with this Dye Set.

### Compatible with BigDye® kits

The kits are compatible with ABI genetic analyzers of the 310, 3100, 3130, 3500 and 3730 series. No need for changing protocols, workflows, settings and calibrations. NimaGen recommends the use of NimaPOP polymers.

### Kits content

The BrilliantDye Terminator Cycle Sequencing Kits contain all required reagent components for the sequencing reaction in a ready reaction, pre-mixed format:

- Reaction Ready seq. premix
- 5X sequencing buffer
- pGem control
- M13(-21) primer



Visit  
[www.nimagen.com](http://www.nimagen.com)  
and download  
the protocol.

### Ordering information

p/n	Rxn	RR seq. Premix	5X Seq. Buffer	pGEM control	M13(-21) primer
BRD1-024	24	1 x 192µL	1 x 0.65mL	1 x 10µL	1 x 10µL
BRD1-100	100	1 x 800µL	1 x 2.0mL	1 x 10µL	1 x 10µL
BRD1-1000	1000	10 x 800µL	8 x 2.0mL	1 x 50µL	1 x 50µL
BRD1-5000	5000	50 x 800µL	40 x 2.0mL	5 x 50µL	5 x 50µL
BRD3-024	24	1 x 192µL	1 x 0.65mL	1 x 10µL	1 x 10µL
BRD3-100	100	1 x 800µL	1 x 2.0mL	1 x 10µL	1 x 10µL
BRD3-1000	1000	10 x 800µL	8 x 2.0mL	1 x 50µL	1 x 50µL
BRD3-5000	5000	50 x 800µL	40 x 2.0mL	5 x 50µL	5 x 50µL

BigDye is a registered trademark of Applied Biosystems or its subsidiaries in the U.S. and/or certain other countries. BrilliantDye™ is a trademark of NimaGen BV, The Netherlands.

- For research use only -

## Product and Company Information

Product name	BrilliantDye™ Terminator Cycle Sequencing Kit
Product use	For Research Use Only
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