



BrilliantDye™

Terminator Cycle Sequencing Kits

The alternative for BigDye®

ALSO AVAILABLE:

dGTP BrilliantDye v3.1

For sequencing through G- and GT-rich templates, NimaGen offers the dGTP BrilliantDye v3.1 kit. This kit is optimized for challenging sequence templates, by replacing the dTTP with dGTP.

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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, 3.1 and dGTP v3.1

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, 3730 and SeqStudio series as well as the Promega Spectrum system. No need for changing protocols, workflows, settings and calibrations.

You also may need D-Pure™ DyeTerminator Cleanup, NimaPOP™ polymers and running buffers, ExS-Pure™ enzymatic PCR cleanup and ReCap capillary array regeneration system.

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
and download
the protocol.

Ordering information

Description	p/n	Rxn	RR seq. Premix	5X Seq. Buffer	pGEM control	M13(-21) primer
BrilliantDye v 1.1	BRD1-024	24	192µL	0.65 mL	10µL	10µL
	BRD1-100	100	800µL	2.0 mL	10µL	10µL
	BRD1-1000	1000	10 x 800µL	8 x 2.0 mL	50µL	50µL
	BRD1-5000	5000	2 x 20µL	2 x 28 mL	50µL	50µL
BrilliantDye v 3.1	BRD3-024	24	192µL	0.65 mL	10µL	10µL
	BRD3-100	100	800µL	2.0 mL	10µL	10µL
	BRD3-1000	1000	10 x 800µL	8 x 2.0 mL	50µL	50µL
	BRD3-5000	5000	2 x 20µL	2 x 28 mL	50µL	50µL
	BRD3-25K	25000	10 x 20µL	10 x 28 mL	50µL	50µL
dGTP BrilliantDye v 3.1	BRDG-100	100	800µL	2.0 mL	10µL	10µL

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- For research use only -

Product and Company Information

Product name BrilliantDye™ Terminator Cycle Sequencing Kit
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