

FastLane® Cell cDNA and RT-PCR Kits

Eco-friendlier products to go from cultured cells to RT-PCR results

This fact sheet explains the inclusion of products in our Go Greener program. The program identifies products that are more eco-friendly compared to traditional products. FastLane Cell cDNA and RT-PCR Kits are environmentally friendlier alternatives to the traditional method of isolating RNA prior to RT-PCR analysis. Preparation of cDNA directly from the samples without first isolating RNA, saves the use of multiple plastic components, such as tips, columns and waste collection tubes.



FastLane Cell cDNA Kit (50).

- **Less hazardous** – no need for chaotropic substances or organic extraction
- **Less waste** – save more than 50% plastic compared with most popular column-based extraction method

Less hazardous

FastLane Cell cDNA and RT-PCR Kits avoid the need to use certain hazardous chemicals for RNA isolation with column-based or traditional methods. The chemicals that are avoided include:

- Beta-mercaptoethanol
- Ethanol
- Guanidine hydrochloride
- Guanidine thiocyanate
- Phenol:chloroform

Less waste

Making use of a liquid-based sample preparation prior to cDNA preparation, FastLane Cell cDNA and RT-PCR Kits can save more than 50% plastic per prep compared with using traditional spin column-based RNA isolation kits.

FastLane Cell cDNA and RT-PCR Kits use liquid-based sample preparation and cDNA/RT-PCR kits to save on hazardous materials and more than **50% plastic**.

Ordering information

Product	Contents	Cat. no.
FastLane Cell cDNA Kit (50)	Buffer FCW, Buffer FCP, and components for 50 x 20 µL reverse-transcription reactions (gDNA Wipeout Buffer, Quantiscript Reverse Transcriptase, Quantiscript RT Buffer, RT Primer Mix, and RNase-Free Water)	215011
FastLane Cell SYBR® Green Kit (200)	FastLane Cell One-Step Buffer Set, 2x QuantiTect SYBR Green RT-PCR Master Mix, and QuantiTect RT Mix	216213
FastLane Cell Probe Kit (200)	FastLane Cell One-Step Buffer Set, 2x QuantiTect Probe RT-PCR Master Mix, and QuantiTect RT Mix	216413
FastLane Cell Multiplex Kit (200)	FastLane Cell One-Step Buffer Set, 2x QuantiTect Multiplex RT-PCR Master Mix (contains ROX dye), and QuantiTect Multiplex RT Mix	216513
FastLane Cell Multiplex NR Kit (200)	FastLane Cell One-Step Buffer Set, 2x QuantiTect Multiplex RT-PCR NR Master Mix (without ROX dye), and QuantiTect Multiplex RT Mix	216713

To order online, visit www.qiagen.com/fastlane-order

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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