

## SupreDye™ dGTP v3.1 Cycle Sequencing Kit User Manual

### Product catalog number:

Catalog Number	Unit Size
065002	100 reactions, 800 µL
065008	1000 reactions, 10x800 µL
065020	2,500 reactions, 20 mL

### Product description:

SupreDye™ dGTP v3.1 Cycle Sequencing Kit is used to set up cycle sequencing reactions for difficult DNA templates such as high GC and hairpins-containing templates. It contains all the components except for sequencing primers and templates. The kit is a high-performance alternative to dGTP BigDye® Terminator v3.0 Cycle Sequencing Kit.

### Kit components:

- SupreDye dGTP v3.1 Reaction Ready Mix
- 5X Sequencing Buffer
- Control M13 (-21) primer
- Control template pGEM™-3ZF (+)

### Product usage, performance, and storage conditions:

SupreDye dGTP v3.1 Cycle Sequencing Kit is used as a “drop in” product for your standard SOP for cycle sequencing reaction setup. There is no need to make changes in SOPs to achieve high-quality sequencing results using either downstream AdvancedSeq products or other products you normally use. SupreDye dGTP v3.1 Cycle Sequencing Kit alone delivers optimal sequencing results for reducing compression; there is no need to mix this product with the regular SupreDye v3.1 Reaction Ready Mix.

Please refer to *SupreDye Cycle Sequencing Kit Quick Guide* for detailed information.

The product is shipped with dry ice and should be stored at -20°C. The product has a shelf life of one year when stored as suggested.