

PRODUCT INFORMATION

Thermo Scientific
10X DreamTaq
Green Buffer

#B71 4 x 1.25 mL

Lot: —

Expiry Date:

Store at -20°C

Description

10X Thermo Scientific™ DreamTaq™ Green Buffer is a proprietary PCR buffer which contains KCl and $(\text{NH}_4)_2\text{SO}_4$ at a ratio optimized for robust performance of DreamTaq™ DNA Polymerase in PCR and includes MgCl_2 at a concentration of 20 mM. In addition the buffer includes a density reagent and two tracking dyes. The density reagent allows direct loading of PCR products on a gel. The blue dye (migrates with 3-5 kb DNA fragments in 1% agarose gel) and the yellow dye (migrates faster than 10 bp DNA fragments in 1% agarose gel) are included for monitoring electrophoresis progress. The dyes have excitation peaks at 424 nm and 615 nm. For applications that require PCR product analysis by absorbance or fluorescence excitation, we recommend using the colorless 10X DreamTaq Buffer (#B65) or purifying the PCR product using the GeneJET™ PCR Purification Kit (#K0661) prior to analysis.

CERTIFICATE OF ANALYSIS

Tested for the absence of endo-, exodeoxyribonucleases, ribonucleases and functionally tested in amplification of 956 bp DNA fragment of a single-copy gene of human genomic DNA.

Quality authorized by:

 Jurgita Zilinskiene

PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to www.thermoscientific.com/onebio for Material Safety Data Sheet of the product.

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