



Lot 0006277670

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Catalog Number	929682
Product Name	10× Paq5000 Reaction Buffer
Expiration Date	2017-06-30
Quantity	1 ml
Certified By	Dana Faver
Quality Controlled By	Tricia Molina
Shipping Conditions	Shipped on dry ice.
Storage Conditions	Store at -20°C upon receipt.

Concentration

10×

10x Reaction Buffer

Use only the provided 10× Paq5000 Reaction Buffer when performing PCR using Paq5000 DNA Polymerase*. Changing the reaction buffer may adversely affect enzyme performance. The 10× buffer provides a final 1× Mg²⁺ concentration of 2 mM.

Test Conditions

The reaction buffer is tested in conjunction with Paq5000 DNA polymerase by polymerase chain reaction (PCR) assays using multiple primer-template systems, with targets sizes ranging from 0.9-6.0 kb. The resulting amplification products are visualized on an agarose gel to verify the production of discrete products of the expected size.

Contamination Test Conditions

The 10× Paq5000 reaction buffer is tested to confirm the absence of detectable nonspecific nuclease and DNA contamination.

Endnotes

Purchase of this product conveys to the purchaser the non-transferable right under these patents to use the product for research use only.

*U.S. Patent Nos. 7,045,328; 6,734,293; 6,489,150; 6,444,428; 6,183,997; 5,489,523.

Limited Product Warranty

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