

Certificate of analysis

Product Name/Description: PrimeSTAR® GXL SP DNA Polymerase
Cat. #: RF220Q
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 250 U

Package Contents:

1. PrimeSTAR GXL SP DNA Polymerase	1.25 U/μl	250 U	
2. 5X PrimeSTAR GXL SP Buffer		1 ml	x 2
3. dNTP Mixture	2.5 mM each	800 μl	

Quality Control Data:

PCR test:

1) Good performance of this product was confirmed by PCR using human genomic DNA as a template (amplified fragments: 20, 24.1, 27, 32 kbp).

2) Good performance of this product was confirmed by PCR using human genomic DNA as a template (amplified fragments: 0.5, 1, 2, 3, 4, 6 kbp)(extension time: 10 sec.).

Hot start test:

Inhibition of the DNA polymerase activity by antibody was confirmed by comparing the results of PCR using reaction mixtures that had been previously heated and not heated.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

This product is a general purpose reagent intended For Laboratory Use. Outside of the United States, this product is intended for research use only unless otherwise stated. This product is not intended for a specific application or made for any particular clinical use. The performance characteristics of this product have not been fully established. It is the user's responsibility to validate the performance of the product, and any component thereof, for any particular use. Resale or transfer of this product, any component thereof, or any substance produced through use of this product, or any component thereof, to any third party is expressly forbidden. To obtain additional rights, please contact your local office or go to our website for additional information.

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www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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