

Glycerol-Free High-Fidelity Pfu (HC)

Cat No.: MDX203

Storage Conditions: -20 °C

Lot number: RD123E

Test Parameters

Analysis	Specification	Result
Functional	<p>End-point PCR Triplex amplification of 961, 793 and 372 bp DNA fragments from a serial dilution of human genomic DNA.</p> <p>End-point PCR amplification of 2.4 kb DNA fragment from a serial dilution of human genomic DNA.</p> <p>Determination of protein purity.</p> <p>Relative activity tested in comparison with standard enzyme of known concentration.</p> <p><u>Pass criteria:</u> End-point PCR. Presence of distinct bands of the right size at different template dilutions.</p> <p>Protein purity must be >95%.</p> <p>Relative activity of 20U/μL (+/- 10%)</p>	Pass

Authorised by Michele Amasio
Senior R&D Manager

**Lyo-Ready™
Pfu Reaction Buffer, 5x**

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Functional	<p>End-point PCR Triplex amplification of 961, 793 and 372 bp DNA fragments from a serial dilution of human genomic DNA.</p> <p>End-point PCR amplification of 2.4 kb DNA fragment from a serial dilution of human genomic DNA.</p> <p><u>Pass Criteria:</u> Test and History Buffer showing similar level of amplification across all template dilutions.</p>	Pass

Authorised by Michele Amasio
Senior R&D Manager

Michele Amasio