

Product Datasheet

Taq 2x PCR Master Mix 2001

Product Name	Taq 2x PCR Master Mix
Catalog Number	#2001
Description	<p>Taq 2x PCR Master Mix is a ready-to-use reaction mix for sensitive, robust and fast PCR. The combination of aptamer-based fast-start Taq DNA polymerase, optimized reaction buffer and ultrapure dNTPs ensures consistent results, rapid set-up time and lower risk of pipetting errors. The Taq DNA polymerase has a 5'-3'-exonuclease activity and therefore, can be used for hydrolysis probe-based real-time PCRs. It provides a robust PCR performance for a wide range of PCR applications in all standard PCR cyclers.</p> <p>For more information, please check : Taq 2x PCR Master Mix</p>
Tested Applications	End-Point, Real-Time
Brand	myPOLS Biotec
Storage	-20°C
References	<p>Lawyer, F. C., Stoffel, S., Saiki, R. K., Myambo, K., Drummond, R., & Gelfand, D. H. (1989). Isolation, characterization, and expression in Escherichia coli of the DNA polymerase gene from Thermus aquaticus. <i>Journal of Biological Chemistry</i>, 264(11), 6427-6437.</p> <p>Tindall, K. R., & Kunkel, T. A. (1988). Fidelity of DNA synthesis by the Thermus aquaticus DNA polymerase. <i>Biochemistry</i>, 27(16), 6008-6013.</p> <p>Saiki, R. K., Gelfand, D. H., Stoffel, S., Scharf, S. J., Higuchi, R., Horn, G. T., ... & Erlich, H. A. (1988). Primer-directed enzymatic amplification of DNA with a thermostable DNA polymerase. <i>Science</i>, 239(4839), 487-491.</p>
Content	M pack: 10 x 1.25 ml Taq 2x PCR Master Mix