

## Product Datasheet

### Taq 2x PCR Master Mix #2001

<b>Product Name</b>	Taq 2x PCR Master Mix
<b>Catalog Number</b>	#2001
<b>Description</b>	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 ulrapure 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.
	For more information, please check : <b>Taq 2x PCR Master Mix</b>
<b>Tested Applications</b>	End-Point, Real-Time
<b>Brand</b>	myPOLS Biotec
<b>Storage</b>	-20°C
<b>References</b>	<p>Lawyer, F. C., Stoffel, S., Saiki, R. K., Myambo, K., Drummond, R., &amp; Gelfand, D. H. (1989). Isolation, characterization, and expression in <i>Escherichia coli</i> of the DNA polymerase gene from <i>Thermus aquaticus</i>. <i>Journal of Biological Chemistry</i>, 264(11), 6427-6437.</p> <p>Tindall, K. R., &amp; Kunkel, T. A. (1988). Fidelity of DNA synthesis by the <i>Thermus aquaticus</i> 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., ... &amp; Erlich, H. A. (1988). Primer-directed enzymatic amplification of DNA with a thermostable DNA polymerase. <i>Science</i>, 239(4839), 487-491.</p>
<b>Content</b>	M pack: 10 x 1.25 ml Taq 2x PCR Master Mix