

Product Datasheet

HiDi® 2x PCR Master Mix 9101

Product Name HiDi® 2x PCR Master Mix

Catalog Number #9101

Description HiDi® stands for High Discrimination of mismatches at the 3'-terminus of primers in PCR. HiDi® 2x PCR Master Mix is a ready-to-use master mix specially optimized for assays in which high discrimination with SYBR chemistry is required. The combination of highly selective aptamer-based fast-start formulated HiDi® DNA polymerase and an optimized buffer with ultrapure dNTPs ensures simple reaction setup and reliable results. HiDi® DNA polymerase efficiently amplifies from primers that are matched at the 3'-end and discriminates primers that are mismatched. By using HiDi® DNA polymerase, less than 10 copies of a mutation can be detected in a background of $> 10^4$ wild-type copies.

For more information, please check :
HiDi® 2x PCR Master Mix

Tested Applications End-Point, Real-Time

Brand myPOLS Biotec

Storage -20°C

References Drum, M., Kranaster, R., Ewald, C., Blasczyk, R., & Marx, A. (2014). Variants of a *Thermus aquaticus* DNA polymerase with increased selectivity for applications in allele- and methylation-specific amplification. *PLoS one*, 9(5), e96640.

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Morisaka, H., Yoshimi, K., Okuzaki, Y., Gee, P., Kunihiro, Y., Sonpho, E., ... & Mashimo, T. (2019). CRISPR-Cas3 induces broad and unidirectional genome editing in human cells. *Nature communications*, 10(1), 1-13.

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Content S pack: 1 x 1.25 ml HiDi® 2x PCR Master Mix

M pack: 5 x 1.25 ml HiDi® 2x PCR Master Mix

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