

Product Datasheet

Saphir LAMP Turbo GreenMaster (orb638833)

Catalog Number	orb638833
Description	Saphir Bst Turbo GreenMaster is a complete 2x conc. master mix for isothermal amplification of DNA. The mix is based on a genetically enhanced Bst polymerase of the next generation. The mix is the ideal choice for ultra-fast and robust amplification of DNA at constant temperature (60 to 65 °C). The enzyme shows high strand displacement activity and generates an amplification factor of up to 10 ⁹ which is comparable to approx. 30 cycles in a PCR assay. The polymerase is 2-3x faster compared to Saphir Bst Polymerase and allows detection of a target gene within 5-10 minutes.
Form/Appearance	liquid
Concentration	2x conc
Storage	store at -20 °C
Note	For research use only
Application notes	b>Spectroscopic Propertie: λ _{exc} 495 nm (SYBRGreen bound to DNA), λ _{em} 520 nm (SYBRGreen bound to DNA).
Expiration Date	12 months from date of receipt.

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