

Product Datasheet

Saphir LAMP GreenMaster (orb1733674)

Catalog Number	orb1733674
Category	Tools
Description	Saphir Bst GreenMaster is a complete 2x conc. master mix for isothermal amplification of DNA. The mix is based on a genetically optimized Bst polymerase that allows rapid and specific 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. LAMP technique allows detection of a target gene within 10-30 minutes.
Form/Appearance	liquid
Concentration	2x conc
Application notes	Spectroscopic Propertie: λ_{exc} 495 nm (SYBRGreen bound to DNA), λ_{em} 520 nm (SYBRGreen bound to DNA).
Storage	store at -20 °C. store dark. Short term storage (up to 3 months) at 4 °C possible
Note	For research use only

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