



Product Name: HotShot™ Mastermix
Catalogue Number: HS002
Pack size: 5 x 1.0 ml
Colour of lid: Blue
Batch Number: 0306-1
Expire Date: December 2008

Double concentrated HotStart PCR mix, containing optimised mixture of *Taq* polymerase, anti-*Taq* polymerase monoclonal antibodies in 2 x Reaction Buffer (6 mM MgCl₂) with 400 μM dNTPs and Stabiliser

For instant and accurate PCRs:

- Thaw the **HotShot™ Mastermix**
- Take out the desired volume into the PCR tube.
- Add DNA, primers, fluorescence dye/probe and dH₂O to an equal volume of the **HotShot™ Mastermix** (for instance to a 5ul volume of **HotShot™ Mastermix**, add 1ul DNA, 2ul Primers, 1ul dye and 1ul dH₂O)
- Place in a Thermal Cycler
- Run cycling profile according to application

Initial denaturation step at 95°C for 5 mins is needed to activate the *Taq* polymerase

Refreeze the rest of the **HotShot™ Mastermix**. It can be frozen/thawed many times without loss of activity

Store at -20°C

For Research Only

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