

Content

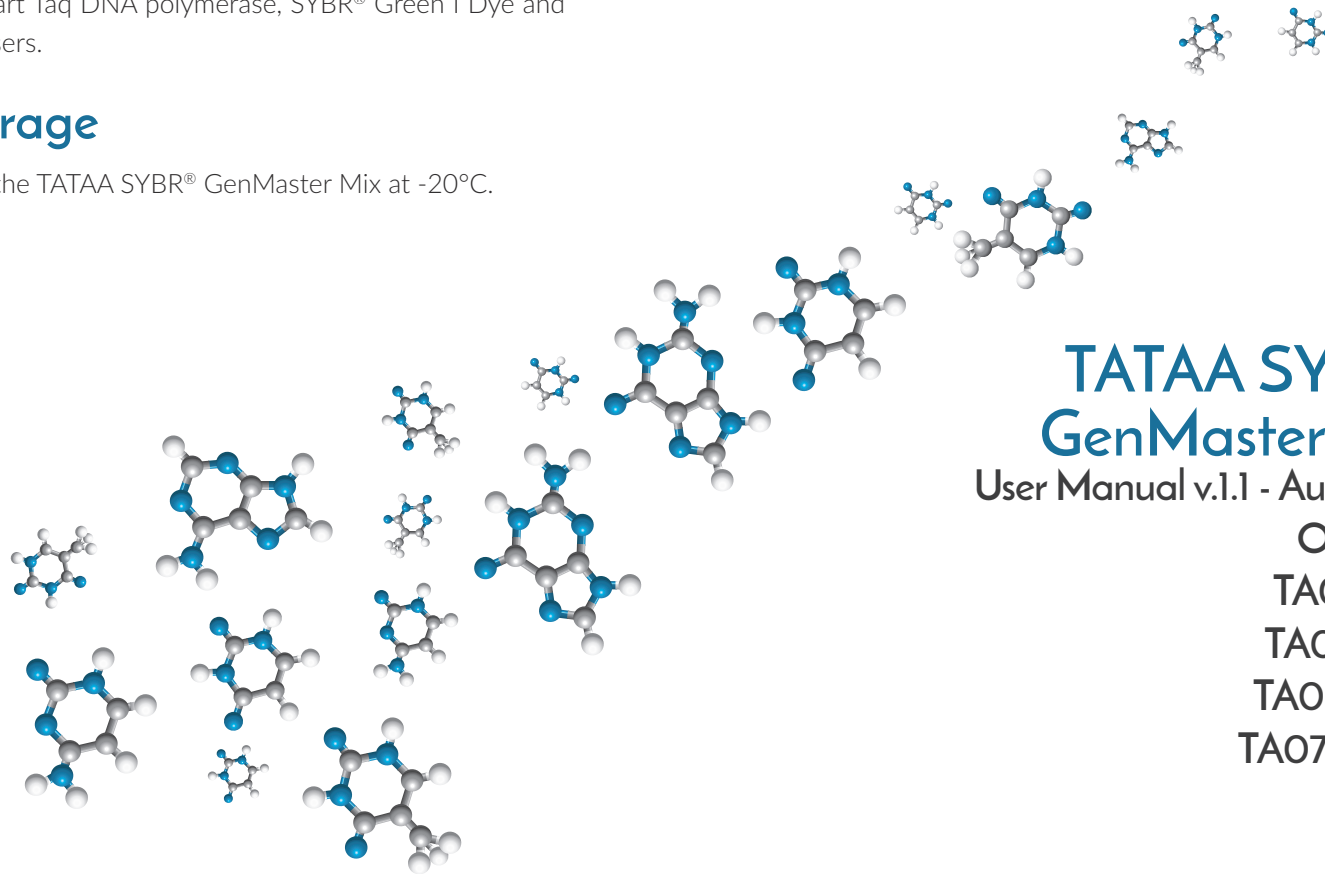
TATAA SYBR® GenMaster Mix (2x): 2x reaction buffer containing optimised concentrations of $MgCl_2$, dNTPs, hot-start Taq DNA polymerase, SYBR® Green I Dye and stabilisers.

Storage

Store the TATAA SYBR® GenMaster Mix at $-20^{\circ}C$.



tataabiocenter



TATAA SYBR®
GenMaster Mix
User Manual v.1.1 - Aug 2017

Order #:
TA07-625
TA07-1875
TA07-3750
TA07-5000

Background

The TATAA SYBR® GenMaster Mix is a 2x concentrated ready-to-use fastmix, which provides all the necessary components for qPCR except primers and template.

Protocol

1. Thaw and mix thoroughly by gently vortexing and briefly centrifuge to collect the content before use.
2. Add the following for one reaction to a 0.2 ml thin-walled PCR tube or in a PCR plate.

| | |
|--------------------------------|----------|
| TATAA SYBR® GenMaster Mix (2x) | 10.0 µl |
| Nuclease free water | variable |
| Forward primer | variable |
| Reverse primer | variable |
| Template | variable |
| Final volume | 20.0 µl |

3. Vortex gently and centrifuge to collect content.

Note: When preparing multiple reactions, making a cocktail with all components except template is recommended to reduce pipetting errors. Prepare a slightly larger amount of master mix than required to compensate for pipetting losses.

Cycling Protocol

| | | |
|---|--------------------------------|-------------|
| 95°C, 60 s | Enzyme activation | |
| 95°C, 5 s | Denaturation | Cycling x40 |
| 55-65°C, 30 s | Annealing | |
| 72°C, 10 s | Data collection - SYBR channel | |
| For melting curve, please refer to the instrument instructions. | | |

Troubleshooting

If experiencing difficulties with this product, please contact the experts at TATAA technical support for help by email: order@tataa.com or phone: +46 31 761 57 00.

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