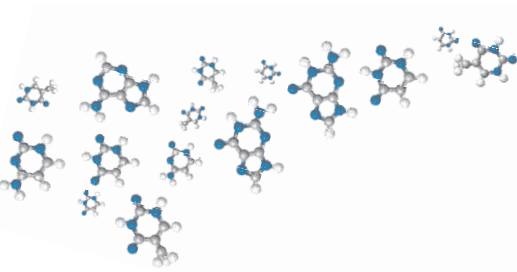


TATAA GrandPerformance Assays

Volume: 100 µl (100 rxn)
 Concentration: 10 µM per primer
 5 µM per probe



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Background

Specific, sensitive and extensively optimized wet-lab validated qPCR assays for optimum performance. The GrandPerformance assays produce negligible primer-dimers and side products under normal conditions and are the perfect tool for high performance expression profiling. The GrandPerformance assays are preamp validated to not introduce bias. Customers can pick and choose compiling their preferred panels for profiling studies and order the assays or send TATAA the samples for profiling. When samples are sent to TATAA for profiling the TATAA GrandPerformance assays are provided for free.

Content

- Primer and probe solution for 100 rxn 100 µl of primer and probe mix
 C=10 µM per primer
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Cycling Protocol

UNG step (optional)	According to mix instructions
Enzyme activation	According to mix instructions
Cycling	According to mix instructions. Annealing temperature: ~60°C

Pipetting protocol

Component	1 rxn	1 rxn	1 rxn
PCR-Grade water		variable	
Primer and probe mix	0.4µl	0.8µl	1µl
Master mix (2X)	5µl	10µl	12.5µl
cDNA (variable)	1-2µl	2-4µl	2-5µl
Final Volume	10µl	20µl	25µl

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Storage

The assay can be stored at +4°C for up to 1 month. For long term storage -20°C is recommended. Use within 12 months from arrival. Repeated freeze-thaw cycles should be avoided. Vortex thoroughly and spin down before use.

TATAA Biocenter AB

Odinsgatan 28, 41103 Göteborg, Sweden
 Phone: +46 31 761 57 00, Fax: +46 31 152890,
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