TaqMan® Urinary Tract Microbiota Amplification Control

Catalog Number A39174

Pub. No. MAN0017753 **Rev.** A.0

WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from **thermofisher.com/support**.

Product information

The TaqMan® Urinary Tract Microbiota Amplification Control (Cat. No. A39174) contains a linearized multi-target plasmid with target sequences for each available urinary tract microbiota profiling assay. See the *Urinary Tract Microbiota Profiling Experiments Application Guide* (Pub. No. MAN0017750) for the full list of available TaqMan® urinary tract profiling assays. The plasmid also contains target sequences for Xeno DNA and human RNase P RPPH1 genes, for a general control for the sample preparation process.

The TaqMan® Urinary Tract Microbiota Amplification Control can be included in urinary tract microbiota profiling experiments to verify assay performance and to help with troubleshooting.

The TaqMan® Urinary Tract Microbiota Amplification Control is supplied at a plasmid concentration of 10^5 copies/µL. The amplification control is designed for use with urinary tract microbiota profiling protocols, see "Related documentation" on page 2.

See "Related documentation" on page 2 for resources that contain detailed instructions and troubleshooting for urinary tract microbiota profiling OpenArray™ experiments.

Contents and storage

Component	Amount	Storage
TaqMan® Urinary Tract Microbiota Amplification Control	5 × 10 µL (sufficient for up to 20 reactions)	–30°C to –15°C (long-term) 4°C (up to 2 months)

Guidelines for use

These guidelines apply to all OpenArray™ plate formats available for urinary tract microbiota profiling experiments.

- Before use, thaw the amplification control, vortex to thoroughly mix the contents, then centrifuge briefly to spin down the contents.
- Use the amplification control at the concentration supplied; no dilution is required.
- Use TaqMan® OpenArray™ Real-Time PCR Master Mix for urinary tract microbiota profiling experiments.
- Add 2.5 µL of amplification control and 2.5 µL of master mix to each Amplification Control well of the OpenArray™ 384-well Sample Plate as designated in your sample layout.
- Add the DNA samples and master mix to the appropriate wells of the same OpenArray™ 384-well Sample Plate, then continue the OpenArray™ experiment protocol as described in the *Urinary Tract Microbiota Profiling Experiments Application Guide* (Pub. No. MAN0017750).

Related documentation

Document	Pub. No.
Urinary Tract Microbiota Profiling Experiments Application Guide	MAN0017750
DNA isolation for Urinary Tract Microbiota Profiling Experiments Quick Reference	MAN0017751
OpenArray™ Urinary Tract Microbiota Profiling Experiments Quick Reference	MAN0017752
QuantStudio™ 12K Flex Real-Time PCR System: OpenArray™ Experiments User Guide	4470935
OpenArray™ Sample Tracker Software Quick Reference	4460657
OpenArray™ AccuFill™ System User Guide	4456986

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Revision history: Pub. No. MAN0017753

Revision	Date	Description
A.0	06 August 2018	New document.

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