


TaqMan® Vaginal Microbiota Amplification Control

Catalog Number A32040

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 **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® Vaginal Microbiota Amplification Control contains a linearized multi-target plasmid with target sequences for each available vaginal microbiota profiling assay; see the *Vaginal Microbiota Profiling Experiments Application Guide* (Pub. No. MAN0015669) for the full list of available TaqMan® vaginal microbiota profiling assays. The plasmid also contains target sequences for the prokaryotic 16S rRNA and human RNase P RPPH1 genes, for general detection of bacterial and human DNA, respectively.

The TaqMan® Vaginal Microbiota Amplification Control can be included in vaginal microbiota profiling experiments to verify assay performance and to help with troubleshooting.

The TaqMan® Vaginal Microbiota Amplification Control is supplied at a plasmid concentration of 10⁵ copies/μL. The amplification control is designed for use with vaginal microbiota profiling OpenArray™ protocols; see “Guidelines for use”.

See “Related documentation” on page 2 for resources that contain detailed instructions and troubleshooting for vaginal microbiota profiling OpenArray™ experiments.

Contents and storage

Component	Amount	Storage
TaqMan® Vaginal Microbiota Amplification Control	1 tube (20 μL) (sufficient for up to 8 reactions)	-30°C to -15°C (long-term) 4°C (up to 2 months)

Guidelines for use

These guidelines are applicable for all OpenArray™ plate formats available for vaginal 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 vaginal 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 *Vaginal Microbiota Profiling Experiments Application Guide* (Pub. No. MAN0015669).

Related documentation

Document	Pub. No.
<i>Vaginal Microbiota Profiling Experiments Application Guide</i>	MAN0015669
<i>Isolation of DNA for Vaginal Microbiota Profiling Experiments Quick Reference</i>	MAN0015935
<i>OpenArray™ Vaginal Microbiota Profiling Experiments Quick Reference</i>	MAN0015936
<i>QuantStudio™ 12K Flex Real-Time PCR System: OpenArray™ Experiments User Guide</i>	4470935
<i>OpenArray™ Sample Tracker Software Quick Reference</i>	4460657
<i>OpenArray™ AccuFill™ System User Guide</i>	4456986

The information in this guide is subject to change without notice.

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Revision history. Pub. No. MAN0016007

Revision	Date	Description
A.0	02 August 2016	New document.

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