



OMNigene®•ORAL (OM-501, OM(E)-505) microbial DNA purification protocol using QIAGEN® QIAamp® PowerFecal® Pro DNA Kit

This laboratory protocol is used for the preparation of a saliva sample collected and stabilized in OMNigene®•ORAL (OM-501, OM(E)-505) for subsequent extraction of microbial DNA using the QIAGEN® QIAamp® PowerFecal® Pro DNA Kit.

Equipment and reagents

- Vortex Adapter (e.g. QIAGEN, Cat. no./ID: 13000-V1-24)
- QIAamp® PowerFecal® Pro DNA Kit (QIAGEN, Cat. no./ID: 51804)
- Equipment and reagents listed in the QIAamp® PowerFecal® Pro DNA Kit Handbook†
 - For the detailed extraction protocol, refer to the handbook included in the extraction kit.

Procedure

Sample preparation steps
1. Shake sample very vigorously for 10 seconds once received in the lab.
2. Prior to purification, incubate the entire sample in the original vial at 50°C for 1 hour in a water bath or for 2 hours in an air incubator. Note: Incubation may be performed any time between sample receipt and extraction. This step does not need to be repeated for extraction of subsequent aliquots.
3. Spin the PowerBead® Pro tube briefly to ensure that the beads have settled at the bottom.
4. Mix well and transfer 250 µL of the sample from the OMNigene-ORAL tube to the PowerBead Pro tube.
5. Add 800 µL of Solution CD1 and continue with the QIAamp® PowerFecal® Pro DNA Kit instructions, starting at step 2 (bead vortexing).

Technical support is available Monday to Friday (9h00 to 17h00 ET):

- Toll-free (North America): 1.866.813.6354, option 6
- All other countries: +1.613.723.5757, option 6
- Email: support@dnagenotek.com

† QIAamp® PowerFecal® Pro DNA Kit Handbook, HB-2560-003, February 2020. (www.qiagen.com)

OMNigene-ORAL (OME-505) is CE marked for In Vitro Diagnostic Use.

OMNigene-ORAL (OM-501, OM-505) is for research use only, not for use in diagnostic procedures.

Some DNA Genotek™ products may not be available in all geographic regions.

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All DNA Genotek protocols, white papers and application notes are available in the support section of our website at www.dnagenotek.com.