

OMNigene®•ORAL (OM-505, OME-505) DNA and RNA purification protocol using RNeasy® PowerMicrobiome® Kit

This laboratory protocol is used for the preparation of a saliva sample collected and stabilized in OMNigene®•ORAL (OM-505, OME-505) for subsequent extraction of bacterial nucleic acids (DNA and RNA) and viral DNA using the RNeasy® PowerMicrobiome Kit[†].

Equipment and reagents

- RNeasy PowerMicrobiome Kit (QIAGEN®, Cat No./ID: 26000-50)
- Equipment and reagents listed as referenced in the RNeasy PowerMicrobiome Kit handbook[†]
 - For a 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. Transfer 250 µL of sample into the Glass Bead Tube from the RNeasy PowerMicrobiome RNA Isolation Kit.
4. Continue with the RNeasy PowerMicrobiome RNA Isolation Kit instructions, starting at step 2.

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

- Toll-free (North America): 1.866.813.6354, option 6
- All other countries: 613.723.5757, option 6
- Email: support@dnagenotek.com

[†]Formerly sold by MO BIO as PowerMicrobiome RNA Isolation Kit (26000-50)

[†]RNeasy® PowerMicrobiome® Kit Handbook, HB-2276-003, January 2020. (www.qiagen.com)

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

* OMNigene-ORAL (OME-505) is CE marked for In Vitro Diagnostic Use and not available for sale in the United States.

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

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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.

Not available for clinical diagnostic use in the United States.