

OMNigene®•ORAL (OM-505) microbial DNA and RNA purification protocol using QIAGEN® QIAamp® MinElute® Virus Spin Kit

This laboratory protocol is used for the preparation of saliva samples collected and stabilized in OMNigene•ORAL for subsequent extraction of microbial nucleic acids using the QIAGEN QIAamp MinElute Virus Spin Kit.

Required reagents

1. QIAGEN QIAamp MinElute Virus Spin Kit (Cat. No. 57704) and required reagents.

Procedure

| Purification steps |
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| 1. When samples are received in the lab, shake very vigorously for 10 seconds. |
| 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 200 µL of the sample into a 1.5 mL microcentrifuge tube. |
| 4. Heat at 75°C for 15 minutes in a water bath or heating block. |
| 5. Continue with the QIAGEN QIAamp MinElute Virus Spin Kit <i>Purification of Viral Nucleic Acids from Plasma or Serum</i> protocol, starting at step 3 (addition of Buffer AL). |

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

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

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

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