

The OMNigene™•SALIVA DNA and RNA (OMR-610) purification protocol for total nucleic acids, including viral nucleic acids, using Applied Biosystems MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit

This laboratory protocol is used for the preparation of a saliva sample collected and stabilized in OMNigene™•SALIVA DNA and RNA (OMR-610) for the subsequent extraction of total nucleic acids, including viral nucleic acids, using MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems, Cat. No. A42352).

Note: For purifying human, bacterial and viral total nucleic acids, see the OMNigene™•SALIVA DNA and RNA (OMR-610) purification protocol for human, bacterial and viral total nucleic acids using QIAGEN AllPrep® PowerViral® DNA/RNA Kit (DNA Genotek, PD-PR-1363) at www.dnagenotek.com.

Equipment and reagents

- MagMAX Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems)
- Equipment and reagents listed are referenced in the MagMAX Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems) user guide.
For equipment and reagents, as well as a detailed extraction protocol, see the MagMAX Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems) user guide.

Procedure

Sample preparation steps
1. Shake OMR-610 samples vigorously for 10 seconds.
2. 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 the extraction of subsequent aliquots.
3. Continue with the MagMAX Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems) instructions, starting at step 1: Digest with Proteinase K.

Technical support is available Monday to Friday (9:00 a.m.-5:00 p.m. ET):

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