OMNIgene™•SALIVA DNA and RNA (OMR-610) purification protocol for viral total 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 subsequent extraction of viral total nucleic acids using MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems, Cat. No. A42352).

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 a detailed extraction protocol, refer to the user guide included in the extraction kit.

Procedure

Sample preparation steps
1. Shake OMR-610 samples vigorously for 10 seconds once received in the laboratory.
2. Incubate the entire sample in the original vial at 50℃ 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. Continue with the MagMAX Viral/Pathogen Nucleic Acid Isolation Kit (Applied Biosystems) instructions, starting at step 1.

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
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