

Supplementary Protocol for NP Swabs, Aspirates and BAL Samples

E.Z.N.A.® Viral RNA Kit

R6874-00	5 preps
R6874-01	50 preps
R6874-02	100 preps

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For Research Use Only

E.Z.N.A.® Viral RNA Kit (R6874) – Supplementary Protocol

Protocol for extracting viral RNA from nasopharyngeal swabs, nasopharyngeal aspirates, and bronchoalveolar lavage samples (BAL)

Before Starting:

- Please reference Materials and Equipment to be Supplied by User section in product manual
- Prepare buffers/reagents according to Preparing Reagents section in product manual
- Please refer to standard protocol in product manual for additional notes and tips

Modified Protocol for nasopharyngeal swabs (dry):

1. Add 300 µL 1x PBS (user supplied) and 10 µL Proteinase K Solution (20 mg/mL) (user supplied; Omega Part No. AC115) to each swab sample.
2. Incubate at 56°C for 10-20 minutes with occasional mixing.
3. Centrifuge at 10,000 x *g* (or maximum speed) for 30 seconds.
4. Use 150 µL from Step 3 as the input sample and follow the instructions outlined in the R6874 Product Manual (<https://www.omegabiotek.com/product/e-z-n-a-viral-rna-kit/#protocols>).

Modified Protocol for nasopharyngeal swabs, nasopharyngeal aspirates and bronchoalveolar lavage samples in Transport Medium (UTM)/ Viral Transport Medium (VTM)

1. Vortex the tubes containing the swab at maximum speed for 1 minute.
2. Use 150 µL as the input sample and follow the instructions outlined in the R6874 Product Manual (<https://www.omegabiotek.com/product/e-z-n-a-viral-rna-kit/#protocols>).