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SUPPLEMENTARY MATERIAL

Epidemiology and clinical outcomes of non-COVID viral respiratory infections in children from a low-middle-income country

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Annexure I. Collection of nasopharyngeal samples. Reproduced from: BioFire Diagnostics L. [11].

The following table describes the requirements for specimen collection, preparation, and handling that will help ensure accurate test results.

Specimen Type	**Nasopharyngeal Swab** (NPS) collected according to standard technique and immediately placed in up to 3 mL of transport media or saline.
Minimum Sample Volume	0.3 mL (300 µL)
Transport and Storage	Specimens should be tested with the BioFire RP2.1 as soon as possible. If storage is required, specimens can be held: • At room temperature for up to 4 hours (15-25 °C) • Refrigerated for up to 3 days (2-8 °C) • Frozen (≤-15 °C or ≤-70°C) (for up to 30 days) [a]

[a] Frozen storage for up to 30 days was evaluated for this sample type. However, longer frozen storage at -70°C or lower may be acceptable. Please follow your institutions rules and protocols regarding sample storage validation.

Pathogens included respiratory pathogen panel test [11]:

- Adenovirus
- Coronavirus 229E
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus OC43
- Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)
- Human Metapneumovirus
- Human Rhinovirus/Enterovirus
- Influenza A, including subtypes H1, H1-2009, and H3
- Influenza B
- Parainfluenza Virus 1
- Parainfluenza Virus 2
- Parainfluenza Virus 3
- Parainfluenza Virus 4
- Respiratory Syncytial Virus
- Bordetella parapertussis (IS1001)
- Bordetella pertussis
- Chlamydia pneumoniae
- Mycoplasma pneumonia