

Sampling and Transport device for SARS-CoV-2 and other respiratory viruses.

SKU: DM0001VR

Description

This medical device allows nasopharyngeal sampling of SARS-CoV-2 and/or other respiratory viruses. The transport media (DNA/RNA Shield™) stabilizes and preserves the sample at room temperature, it is optimized for molecular diagnostics and clinical research applications. The transport media is certified to completely inactivate all pathogens present in the sample. The device includes a secondary and tertiary containment system for safe transport to the laboratory.



Main Features

- ▶ Does not require cold-chain transportation of the sample.
- ▶ The stabilizing reagent preserves the genetic material in the sample, allowing for optimal molecular diagnosis downstream applications (DNA and RNA) keeping the sample for up to 30 days at room temperature.
- ▶ Inactivates all infectious agents present in the sample
- ▶ Compatible with all DNA and RNA extraction methods as well as nasopharynx and oropharynx.

Sample compatibility with molecular diagnosis techniques	<p>The sample is compatible with all purification commercial systems of nucleic acids used for molecular diagnosis via gPCR, Next-Generation style sequencing, SANGER sequencing, DNA and RNA micro arrangements, and others.</p>
Sample Origin	<p>Nasopharynx or oropharynx with swab.</p>
Specifications	<ul style="list-style-type: none"> • Nasopharynx Kit: tall sterile tube with tubo 1000µL of denaturing reactive DNA/RNA Shield. • Oropharynx Kit: 2 ml sterile tube with 1000µL of denaturing reactive DNA/RNA Shield. • Sterile nasal swab to retrieve sample. • BPlastic bag with hermetic seal (secondary containment system) with absorbent spill free. • Envelope for transportation (tertiary containment system) with hazard warning label. • Sample label (x2) for patient full name, date of sample, date & time of sample collection. • Instruction manual.
Stability of analytes	<p>RNA: Room Temperature (4°C-25°C) < 1 month DNA: Room Temperature (4°C-25°C) < 2 years DNA & RNA: Frozen (<-20°C): > 2 years / indefinite</p>
Storage conditions and durability	<p>18 months from the manufacturing date at room temperature (4°C-25°C).</p>
Dimensions (Length, width, height) and weight	<p>Sampling kit: 122 x 182 x 20 mm, 60 g Envelope for sample transportation: 120 x 180 x 10mm, 15 g</p>
Packaging	<p>200 kits per box, External dimensions: 405 x 405 x 755 mm.</p>

GenoSUR is dedicated to designing, developing, and manufacturing of medical devices for molecular diagnosis. Our offices are in Miami, FL and Santiago, Chile. Our manufacturing plant is located in Santiago (Macul), Chile and is ISO 13485:2016 and ISO 9001:2015 certified in order to achieve the highest quality international standards.