

Instructions for Use

3D PRINTED NASOPHARYNGEAL SWAB

Prepared: 04/01/2020 PRNT-0031, Rev: 00

SYMBOLS & MANUFACTURER INFORMATION



: Date of Manufacture



: Manufacturer

LOT

: Batch Code



: Non-sterile

REF

: Catalog Number



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1. Introduction and Indications for Use

INDICATIONS FOR USE

Formlabs 3D Printed Nasopharyngeal Swabs are designed to collect upper respiratory specimens from patients with signs and symptoms of respiratory infection.

A. DISINFECTION AND STERILIZATION

1. The swab may be cleaned, disinfected, and sterilized according to facility protocols. Tested methods of disinfection include: soaking the finished swab in fresh 70% IPA for 5 minutes. Note: Do not leave the part in alcohol solution for an extended period.
2. Swabs may be steam sterilized according to CDC recommended cycles (132 °C / 270 °F for 4 minutes in a pre-vacuum steam sterilizer or 30 minutes at 121 °C / 250 °F in a gravity displacement autoclave), or according to facility/autoclave manufacturer's protocols, as long as the cycle does not exceed 20 minutes for 134 °C / 273 °F or 30 minutes at 121 °C / 250 °F.
 - a. Autoclave cycles should include a dry cycle to best maintain accuracy. For example, wrapped instruments sterilized in a prevacuum autoclave should be dried for 20-30 minutes according to CDC recommendations.¹ Longer or hotter autoclave cycles than those listed above may result in degradation of physical properties and accuracy.
Note: A color shift will be observed after autoclaving, this is normal.
3. After disinfection and sterilization inspect the swab for cracks to ensure the integrity of the swab.

¹ <https://www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines-H.pdf>