

Product specification MSC96000 –Nasopharyngeal Flocked swab

Product Description

MSC-96000 is a Flocked Swab used for cell & virus specimen collection, and it has been designed for Nasopharyngeal clinical diagnostics. It utilizes state of the art “spray on technology” that the flocking process by means of an electro-static charge perpendicularly attaches millions of nylon microfibers on the medical grade handle tip. The flocked swab is ideal for collecting large amount of cells and rapid elution of the specimens that instantly releases the cells into the transport medium. It has been well recognized and adopted by the diagnostic test kit manufacturers who produce reagents in molecular genetics, forensics and clinical laboratories sectors. The perpendicular nylon fibers act like a soft brush, allowing the improved collection and release of both cellular and liquid samples.



Product Specifications

Item No.	Dimension of flocked tip			Dimension of Nylon handle			
	Width	Thickness	Length	Diameter ₁	Diameter ₂	Breakpoint	Total length
MSC-96000	3 mm	3 mm	16 mm	2.5 mm	Taper to 1.1	82 mm	150 mm

Product Features

- **Ergonomic and anatomic design**, perpendicular nylon fiber acts like a soft brush thus improves patient comfort and efficiency in cell specimen collection.
- **Improved sample collection**, sprayed-on fibers statically charged and attached to the applicator tip in a uniform perpendicular manner and by means of strong capillary action cell specimens are rapidly absorbed.
- **Superior sample elution**, with an open fiber structure it instantly dislodges the specimen cells into the liquid medium, unlike traditional wound swabs when the specimen is entrapped in the mattress core.
- **Increased assay sensitivity**, flocked swabs are proven to elute >95% of the original sample rapidly thus easily resulting in improved assay sensitivity.
- **Quantitative volume transfer**, measurable and consistent uptake and transfer from patient to the test tube has no internal mattress core to disperse and entrap the precious sample like traditional fiber wound swabs.
- **Certified free of inhibitors and interference**, collection swabs are certified DNASE, RNASE-free and human DNA-free. They are also free of any PCR inhibitors, certificate of analysis available for each lot of manufacture.

Sterilization Process

We take ETO sterilization for MSC-96000.