



# MedSchenker™

Swab	MedSchenker® CAVSWAB™	Other Swabs
Swab Material	Tip: nylon flocked Shaft: plastic	Less superior nylon, or non-nylon options
Nasopharyngeal Sampling	<b>AC1100</b> -breakpoint: 101.3 mm -length: 153 mm	Similar
Oropharyngeal Sampling	<b>AC2100</b> -breakpoint: 101.3 mm -length: 153 mm	Similar
Sterilization Method	<b>Electron beam</b>	Electron beam or EO Gas
Shelf life	36 months	Similar or less
Flocked applied method	<b>Allium™ flock technology</b> , designed to arrange swab fibers densely to increase surface area for more sample collection	More variable spacing between fibers.
Fiber arrangement	<b>Cavum</b> -angled and clustered fibers to create a textured surface for maximum sample contact and absorption	Lack these enhances features
Swab Shaft	<b>Notched plastic shaft</b> for better grip and control, ensuring optimal contact and absorption	Smooth swab shaft without grip
Performance	Allium™ flock technology with cavum-enhanced absorption capability, reducing user strain and patient contact time	Lack these enhances features



## Comparison of VTM by MedSchenker<sup>®</sup> and Other Systems

### Notable Specification Comparison

VTM	MedSchenker <sup>®</sup> Smart Transport Medium <sup>®</sup> (STM <sup>®</sup> ) System	Other Systems
Kit Option	Sterile nylon flocked swabs with 3mL media  SCS30-A	Less superior nylon, or non-nylon options  VTM/UTM
FDA 510k Cleared	Yes	Only 10 others since the recent FDA requirement for 510k clearance after pandemic (2023-2024):
Ingredients	Proprietary blend including: Water Antibiotics Antifungals Proteins Salt Solution buffer	Most with less ingredients
Sterilization	Electron beam  Sterilized once to maintain media integrity	Electron beam or EO Gas  Sterilized twice
Shelf life	18 months	Most are 12 months
Intended Use	Collection, transport, maintenance and storage of clinical specimens that contain viruses for standard diagnostic/identification techniques.	Same
Container for medium	Plastic, conical bottom	Similar
Leak-proof feature	CQ-Lock <sup>™</sup> screw cap	None
Storage Temperature	2 - 40°C (High Temperature stable)	2 - 25°C (Room Temperature stable)