

iSWAB - MICROBIOME

Microbial Inactivation and Nucleic Acid Collection and Stabilization Device

The iSWAB-Microbiome (MB) is a non-toxic stabilizing technology that enables inactivation of bacteria, fungi, spores, and viruses, allows ambient collection and transport of various biosamples, and maintains the status quo at the time of collection. Purified microbial DNA or RNA isolated from collected samples are compatible with qPCR, microarray, and NGS for microbiome research in health, wellness, and forensics.

FEATURES

- Non-toxic stabilization; no organic, hazardous solvent fixatives or detergents.
- Microbial presentation maintained intact from time of collection for weeks at room temperature (real time testing ongoing).
- No bloom effect correction needed for microbiome data. Both aerobic and anaerobic bacterial communities stabilized from collection to processing.
- Ambient temperature transport and storage with no cold chain involvement.
- The stabilization buffer efficiently inactivates bacteria, fungi, spores, and viruses allowing safe transport of biological samples.
- Purified bacterial DNA or RNA isolated from collected samples are compatible with qPCR, microarray and NGS based applications.
- Scalable and customizable platform capable of stabilizing up to 20g of fecal or soil material in standard collection containers.



Part No.	Product	Collection Volume
ISM-T-1200	iSWAB-Microbiome Collection Tube Rack, 1.0mL	1.0mL

Flocked Swabs available (sold separately)

Part No.	Product	Description
D398816N	Flocking Nylon Nasopharyngeal Swab	20mm swab length, 3mm width, 80mm from tip to break point
D398816T	Flocking Nylon Throat Swab	20mm swab length, 4mm width, 80mm from tip to break point



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