



# Microbiology Sampling Media and Swab Information



EMSL Analytical, Inc. provides media and swabs for sampling to our customers at minimal or no charge. The following information sheet is designed to help aid in the selection of culture media, providing the most representative sample of the environment possible.

## Bacterial Media On-hand:

- TSA (Tryptic Soy Agar)
- TSA w/ 5% Blood (TSAB)
- MAC (MacConkey Agar)
- BCYE agar (Buffered Charcoal Yeast Extract Agar)

## Fungal Media On-hand:

- MEA (Malt Extract Agar)
- DG18 (Dichloran 18% Glycerol Agar)
- SDA or SabDex (Sabouraud Dextrose Agar)
- Birdseed Agar
- Mycobiotic Agar

## Recommendations for Air Sampling Culturable Fungi and Bacteria on Agar Plates:

- Fungal sampling- in general, we recommend MEA.
- Bacterial sampling- in general, we recommend TSA or TSA w/ 5% Blood.
- Gram negative bacteria sampling- we recommend MAC and TSA.
- For all other situations, the Microbiology Department will be happy to make recommendations based on your individual sampling situation.

## Swab Recommendations for Sampling Fungi and Bacteria on Surfaces:

Shopping Cart #	Swab Type	Swab Applicator	Applicable Test Codes
8708301	Hardy/HealthLink TransPorter	Rayon Applicator	All culturable Fungi and Bacteria Tests All non-culturable Fungi tests
8708322	<i>Legionella</i> Swab with Neutralizing Buffer	Dacron Applicator	All <i>Legionella</i> tests (ISO/CDC)
8708942	PUR-Blue™ Swab Samplers with Neutralizing Broth (1 mL)	Polyurethane Applicator	All HAI (Healthcare-associated Infections) tests All Cleaning Validation studies
8708935	Butterfield's Solution (4 mL)	Nylon Applicator	All PCR tests

## Swab/Sponge Recommendations for Environmental Food Microbiology Testing:

Shopping Cart #	Swab Type	Description
8708925	EZ Reach™ Sponge Sampler with HiCap Neutralizing Broth	Standard food sponge
8708941	EZ Reach™ Split Sampler with HiCap Neutralizing Broth	Dual sponge (collects samples on two separate sponges simultaneously)
8708928	PUR-Blue™ Swab Samplers with HiCap Neutralizing Broth (10 mL)	Large swab
8708942	PUR-Blue™ Swab Samplers with HiCap Neutralizing Broth (1 mL)	Small swab