## What do I use to collect a Microbiology and Virology Specimen?

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>General Test Associated</th>
<th>Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blood</td>
<td>Blood Culture (routine)</td>
<td>Blood culture bottle (routine) – BacT/ALERT FA plus Aerobic (green) and FN plus Anaerobic (orange)</td>
</tr>
<tr>
<td></td>
<td>Fungal Blood Culture</td>
<td>Blood culture for pediatric patients- BacT/ALERT PF plus (<strong>yellow</strong>)</td>
</tr>
<tr>
<td></td>
<td>AFB Blood Culture</td>
<td>Fungal/AFB – BACTEC Myco/F Lytic Culture Vials</td>
</tr>
<tr>
<td>Urine</td>
<td>Urine Culture and Sensitivity</td>
<td>Vacutainer Urine C&amp;S - Grey Tube. This is ONLY for urine C&amp;S</td>
</tr>
</tbody>
</table>
|               | Urinalysis (UA), do culture if positive | UA, do culture if - please send both 2 **yellow** tubes and 1 grey tube  
A sterile container is also acceptable (do not use household containers or pill bottles) |

### Urinalysis and Urine Culture should ALWAYS be Clean Catch Mid Stream (CCMS) or Catheter collection!

#### Stool
- **Enteric Pathogens by PCR**  
  Cary Blair (Dark Pink liquid)  
- **O & P Screen**  
  SAF Fixative Container (Clear liquid)  
- **Adenovirus**  
  Rotavirus  
- **Occult Blood**  
  Lactoferrin  
- **C-diff Toxin (liquid stool only)**  
  **Empty Vial (Plain Container)**

Please send in stool 3 pack and fill all containers to indicated line

#### Cerebrospinal Fluid (CSF)
- **CSF Culture**  
  AFB Culture  
- **Cryptococcus Antigen**  
  *(Order a Fungal culture with this test)*  
- **Fungal - Not hair, skin or nail**

Send Specimen in sterile container.

Lab Testing is performed using the following tube order regardless of label:  
1) Hematology, 2) Microbiology, 3) Hematology, 4) Chemistry

#### Body Fluid
- **Body Fluid Culture w/gram (routine)**  
  Fungal - Not hair, skin or nail  
  AFB Culture  
  Body Fluid Anaerobes  

Send specimen in sterile container with cap: cup or glass jug (not pictured) for large quantities of fluid. For less than 1.0 mL use eSwab™.  
**Note:** If you have swab with fluid from abscess drainage or ear drainage, please order as Wound Culture *(see Specimen Type: Swab).*

#### Sputum
- **Respiratory Culture**  
- **Fungal Culture Respiratory**  
- **AFB Culture**

Morning collection is preferred. **Rinse mouth** and collect 4 or 5 deep coughs in a sterile specimen container. Place cap on the container. Label with orders (include source: sputum). Deliver to lab ASAP

#### Tissue
- **Tissue Culture w/Gram**  
- **Fungal Culture - Hair, Skin or Nails**  
- **AFB Culture**

Send in a sterile container with cap. **No swabs.**

**Note:** Please only order if you have actual or large tissue. If not actual tissue, order a wound culture *(Swab specimen type is eSwab™, instructions located on other side. Biopsy should use eSwab™ as well.)*

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**ALWAYS INCLUDE 2 PATIENT IDENTIFIERS - NAME AND DATE OF BIRTH ON EVERY SPECIMEN & ORDER**

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Or call the Laboratory Call Center at 616.774.7721

Updated

6/2017
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--- | --- | --- | ---
**Swab** |  |  |  
|  | Anaerobe culture |  |  
|  | Wound Culture |  |  
|  | Bordetella pertussis PCR |  |  
|  | Ciprofloxacin Screen |  |  
|  | Fungal Culture - not hair, skin or nail (fluid, genital, oral) |  |  
|  | Group B Strep, PCR (GBS) |  |  
|  | Group B Strep, Penicillin Allergy PCR |  |  
|  | MRSA Screen |  |  
|  | Staph. aureus Screen |  |  
|  | Strep A Screen (Vag/Crvx) |  |  
|  | Trichomonas, OSOM or Wet Prep |  |  
|  | **eSwab™** - Standard Tip Swab OR **eSwab™** - Mini Tip Swab (preferable for pediatric and nasopharyngeal collection.) |  |  

**Swab**

A submission of a fluid, tissue or biopsy is preferred over swabs. See below for viral specimen swab collection. See other side for tissue collection.

### Swab Throat

- Strep A Rapid
- Strep A Screen, Culture if Negative
- Throat Culture

**eSwab™** - Standard Tip Swab OR **eSwab™** - Mini Tip Swab (preferable for pediatric and nasopharyngeal collection.)

Please indicate source of specimen.

Swabs are not appropriate for AFB Cultures

### Swab Viral

- CMV Culture
- Chlamydia Culture
- Chlamyphila pneumoniae PCR
- Herpes Simplex PCR or Culture
- Influenza A/B (PCR or Rapid)
- Metapneumovirus
- Mycoplasma pneumoniae PCR
- RSV (PCR or Rapid)
- Respiratory Viral Culture
- Viral Culture

**UTM with regular flocked swab**

**Red** top tube with **pink** liquid including a flocked swab, stored at room temperature in a clear bag labeled **UTM** (Universal Transport Media). Send tube and swab together. Refrigerate or put on **ice** after collection.

***Film Array by PCR: Adenovirus, Bordetella pertussis, Chlamyphila pneumonia, Coronavirus, Influenza A/B, Metapneumovirus, Mycoplasma pneumonia, Parainfluenza, RSV, Rhinovirus-Enterovirus.

### Fungal

- Fungal Blood Culture
- Fungal Culture - not hair, skin or nail (fluid, genital, oral)
- Fungal Culture - hair, skin or nail (skin scrapings)
- Fungal Culture Respiratory (sputum)

**Fungal Culture depends on specimen type**

**Fungal Blood Culture Bottle - See Blood Culture specimen**

**Fungal Culture - Hair, Skin or Nail (see Tissue Specimen)**

**Fungal Culture Respiratory - See Sputum specimen**

**Cerebrospinal Fluid See CSF specimen**

**Or**

**Fungal Culture - Not Hair, Skin or Nail Fluid (not CSF)**

**See Body Fluid specimen**

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