Specimen Collection and Transport Systems

**Remember:** Always check the expiration date on collection media or kit prior to collection. Samples collected using expired media will NOT be processed by the laboratory and will need to be re-collected to ensure accurate results.

### Aerobic Culture/Strep Screen
- **Aerobic Double Swab**
- For transport of aerobic bacterial culture only. Use both swabs for collection and send both.
- Both swabs are needed for culture.
- Group B Beta Streptococcus collect Vaginal/Rectal swab. Screening for colonization Sensitivities done upon request within 3 days of final report.

### Flu and RSV Rapid Test
- **Flu and RSV Rapid Test** (Primary collection container)
- BD Universal Viral Transport For Flu and RSV viruses.
- Same media (UTM/M4) used for Viral cultures: HSV; Measles (Rubella), Mumps; Mycoplasma; Ureaplasma. Just a smaller vial! Use this smaller vial for Rapid influenza A & B and Rapid RSV only. (MEDIA_VIRAL2)
- Nasal Wash also acceptable submitted in Sterile Cup.

### Bordetella pertussis Culture
- **Bordetella pertussis Culture** (Primary collection container)
- (Whooping cough).
- **Nasopharyngeal Swab:** Use swab with Amie charcoal, available in the lab.
- (CX-SWAB_BLK)
- **Aspirate or Washing:** Use sterile container
- **Bordetella pertussis PCR:** Collect Nasopharyngeal swab (CX-SWAB-GRN) or Aspirate/washing in sterile container then transfer to viral transport media (UTM).
- (MEDIA_VIRAL)

### BD Anaerobic Culture (Sterile)
- **BD Anaerobic Culture (Sterile)**
- Product is glass and breakage can occur. Do not use if expired, package is damaged or if the indicator disk is pink. Store protected from light.
- Whenever possible specimens should be collected before Antimicrobial agents have been administered. Small section of tissue placed in center glass tube or aspirate. It is important that the plunger not be depressed in the vicinity of the patient. Product is glass and breakage can occur. Tissues or aspirates are always the best specimens for recovery of anaerobic pathogens. (CX-SWAB-CLR)

### GC/Chlamydia
- **GC/Chlamydia**
- Chlamydia trachomatis and Neisseria gonorrhoeae
- **Endo cervical swab**
- **Urethral swab Amplified STD collection kit.** (Primary collection container)
- Female remove mucus with white swab & discard. Collect specimen with blue swab.
- (SWAB-GC)
- **Preferred collection when ruling out the presence of GC/Chlamydia in the urogenital tract.**

### BD Affirm III DNA Probe Panel Vaginal Pathogens
- **BD Affirm III DNA Probe Panel Vaginal Pathogens** (TM-VAGPATH) (Primary collection container)
- Order if suspect non-specific vaginitis.
- Indicates presence of: Candida species (yeast) Trichomonas vaginalis and Gardnerella vaginalis.

### BD Affirm III Available in Lab
- **BD Affirm III Available in Lab**

### BD Culture swab Plus Amies With and Without Charcoal
- **New!**
- BD Culture swab Plus Amies With and Without Charcoal
- Genital Culture used for special circumstances such as: Suspected Toxic Shock, Rape Cases, Child Abuse
- Urogenital Culture Swab Genital Culture (CXGEN)
- Transport within 24 hours (Do not refrigerate)
- Reports presence or absence of Neisseria gonorrhoeae, Candida Species(Yeast), Gardnerella Vaginalis, and other rare pathogens.
- **BD Affirm III DNA Probe Panel Vaginal Pathogens is the preferred collection for Non-Specific Vaginitis.**
- Group B Beta Streptococcus is reported but cannot be ruled out in low numbers. Order Group B strep Culture if screening for colonization.

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Urinalysis, Urine or Stool (random) samples
(Primary collection container)
Place specimen into a sterile container.
(CNT-STER-ORG)
If urine culture is desired use the single culture tube to pull off an aliquot within 15 minutes of collection. The will preserve the sample from additional bacteria.

Bact/Alert Bottles
Available in Lab

Collection recommendations:
Adult: 5-10 mL per bottle
Pediatric: 1-4 mL per bottle
Blood Culture Kit, Adult
Blood Culture Kit, Child

Urine and Urine Culture collection kits.
(Primary collection container)
Kit includes Urinalysis tube and C&S Preservative tube for Midstream Specimens. Directions for collection indicated on kit bag. Urine cup can be submitted for additional random urine testing. Be sure to secure the lid before transporting.

Universal Transport Media.(UTM)
Available in Lab
Examples:
Herpes Simplex Virus Culture with Reflex to HSV Typing
Mumps Virus Culture
Viral Culture
Measles (Rubeola) Virus Culture
UTM will be packaged with a single, regular size “flocked” swab.
Submit samples in a separate transport bag.
(MEDIA-VIRAL)

Hanks Balanced salt solution sterile: 20% Media or RPMI Media. Available in Lab

Prenatal Cytogenetic-Chromosome Products of conception (POC). Do not place in formalin. Transport products of conception (Min: 5 mg) in sterile, screw top container filled with tissue transport medium. If specimen size is too large for a normal collection tube, a larger sterile container can be used such as a sterile cup and can be flooded with several tubes of cytogenetic tissue media.

HANKS

Hemosure iFOB test
(Primary collection container)
Occult blood fecal, Immunochemical. Collection kits available. IFOBT-KIT
Preferred for colorectal screening, no dietary restrictions.

Kit, Stool Transport (Unpreserved) Transport Container, Secondary (lab use only)
Example. CDIF2/C. difficile toxin Clostridium difficile toxin B gene (tcdB) by PCR (Infants/-2 yrs)
All samples must be labeled at the bedside (in front of the patient at the time of collection). Label must include the patient’s full legal name, date of birth, collection date, time and source of the sample. Label the sample container not the lid or the transport bag. Patient identifiers on the specimen container and the laboratory order must match in order for the specimen to be processed. See specific test collection requirements, some test(s) require additional information be indicated on the sample label such as height and weight. Secure all containers by checking the cap’s or lids to insure sample integrity or avoiding any leakage. Place each patient’s sample(s) in a transport (biohazard) bag. In the front pocket on the transport bag place the completed requisition, patient insurance information and a copy of the patient’s identification card.

**NEW:**
Parkes SF (AlcorFix) ARUP supply (52059)

**Ova & Parasite, Fecal** (Immunocompromised or Travel History)

Parasitology Stain by Modified Acid-Fast

Microsporidia Stain

Preserve 2 g of stool with one hour of collection.

**Enteric Transport Media** (Cary Blair) Transport Container, Secondary (lab use only)

Preserve stool sample immediately after collection. Min. 1 gram.

Example: E. coli Shiga-like toxin by ELIA, and Stool Culture. Cannot be used for C. Diff.

**24 hour urine collection.**

(Primary collection container)

Sample may require a preservative. Check with the laboratory prior to collection. Sample label must include start and stop times.

(URINE-24COLL)

**Diagnostic 24 hour urine collection kit.**

(Primary collection container)

**StoneRisk profile**

**UroRisk profile**

A unique and patented urine collection and preservation system.

**Liquid based Pap**

Surepath collection via

(Primary collection container)

Collection devices:

Broom or Brushes/spatula

* When both Pap and HPV are requested collect two specimens, one for Pap and one for HPV for optimal test results. Co-collect both using Surpath and HPV digene kits.

(VIAL-GYN)

**Cytology-HPV digene collection kit.** (Primary collection container)

HPV kits (50/bx)

Also known as STM.

(KIT-HPV)

**Stool collection**

Containers for 24, 48 and 72 hours

(Primary collection container)

Example: Fecal Fat

(KIT-STOOL)

Stool collection kit - available in Lab

Note: cannot be used for Stool Culture.

**UroVysion™ Kit**


A second morning, clean-catch voided urine specimen should be collected. Mix voided urine 2:1 with fixative and transfer to a screw top transport tube.