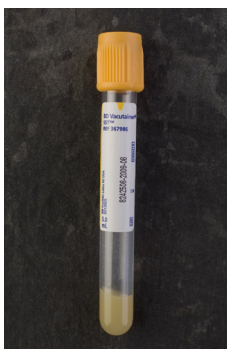


HealthLab Test Tube Directory

Vacutainer tubes



SST (Gold)

Description:

Clot activator tube, with gel barrier. Equivalent to conventional tiger top (red/black) with conventional stopper. Primary uses include serum determinations in chemistry and immunology. For optimum specimen quality, gently invert tube five times after collection to mix clot activator with blood and allow blood to clot upright for 30 minutes before centrifuging for 10 minutes.

Size:

5.0 mL

Common tests include:

ANA, apolipoproteins, ASO screen, basic metabolic panel (BMP), NT-proBNP, CA 15-3, CA 19-9, CA125, CEA, C-peptide, C-reactive protein, C-reactive protein (high sensitivity/cardio), comprehensive metabolic panel (CMP), DHEA sulfate, electrolytes (Na⁺, K⁺, Cl, CO₂), HIV, hormones (estradiol, FSH, LH, BHCG, progesterone), immunocap allergens, individual hepatitis testing, CK, lipid panel, hepatic function panel, lithium, microsomal antibody, mononucleosis screening, PSA, PTH intact, quad screen, renal function panel and thyroid testing (TSH, free T₃, T₄, free T₄), RPR, SHBG, testosterone total, testosterone free, maternal serum AFP, CMV antibodies, leptin, IGFB, P-3 AMH.



PST (Mint)

Description:

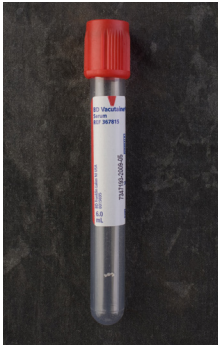
Plasma tubes with separating gel for clinical chemistry with spray-dried lithium heparin additives. During centrifugation, an inert gel separates the serum and the blood clot, preventing the contamination of the plasma from the separated cellular components. For optimum specimen quality gently mix (8 to 10 inversions) the BD Vacutainer® PSTTM II tube immediately after the blood sample has been taken to avoid micro-clotting. Centrifuge for 10 minutes.

Size:

4.5 mL

Common tests include:

This is the preferred tube type for inpatient testing for comprehensive metabolic panel (CMP), basic metabolic panel (BMP), troponin I, procalcitonin, CK-MB.



Plain Red (No Additive)

Description:

Clot activator tube for serum determinations in chemistry testing. Tube inversions ensure mixing of clot activator with blood and clotting within 60 minutes. For optimum specimen quality, gently invert tube five times after collection to mix clot activator with blood and allow blood to clot upright for 30 minutes before centrifuging for 10 minutes. Serum must be removed after spinning.

Size:

4.0 mL/6.0 mL

Common tests include:

Nicotine and cotinine, vitamin C, 17-hydroxypregnenolone, 17-hydroxyprogesterone, phenobarbital, phenytoin (Dilantin), DHEA, estrone, estriol, dihydrotestosterone. Drug levels: amikacin, amiodarone, amitriptyline, imipramine, nortriptyline, breast carcinoma-associated antigen, serum.



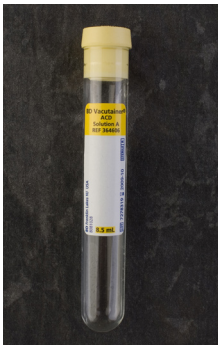
Trace Element Free Plasma/Serum Aliquot Tubes

Description:

Metal-free aliquot tubes for plasma or serum heavy metal testing.

Common tests include:

Iodine plasma/serum, copper serum/plasma, zinc.



ACD (Yellow)

Description:

There are two solutions for ACD tubes, solution A and solution B, which differ based upon the solution concentrations. For optimum specimen quality, gently invert tube five times after collection to mix anticoagulant with blood. This tube produces a plasma specimen when centrifuged. Check your test listing for which solution and proper specimen processing instructions. The most common tests require whole blood.

Size:

Solution A, 8.5 mL, and solution B, 2.6 mL

Common tests include:

Glutathione, babesia microti RT-PCR, telomere length measurement, platelet auto-antibodies.



PPT (Ivory)

Description:

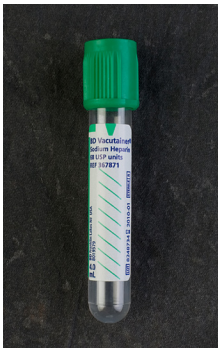
This is a plasma preparation tube that contains K₂EDTA as an anticoagulant allowing for an undiluted plasma sample that is separated from the red cells by a gel barrier. For optimum specimen quality, gently invert tube five times after collection to mix anticoagulant before centrifuging for 15 minutes. Viral loads cannot be submitted frozen in the original tube.

Size:

5.0 mL

Common tests include:

HIV viral load and molecular diagnostic test methods (such as polymerase chain reaction and/or branched DNA amplification techniques), hepatitis C virus quantitative PCR, hepatitis B virus quantitative PCR, Epstein-Barr virus (EBV) quantitative PCR, BK-virus quantitative PCR, cytomegalovirus (CMV), quantitative PCR.



Sodium Heparin (Green)

Description:

This tube also can be used for plasma collections when centrifuged and separated from the cells. For optimal specimen quality, gently invert seven to eight times after collection.

Size:

4.0 mL

Common tests include:

Chromosome analysis, leukemia/lymphoma evaluation, natural killer/natural killer T-cell subsets qualitative blood, protoporphyrin fractionation.



Lithium Heparin (Dark Green)

Description:

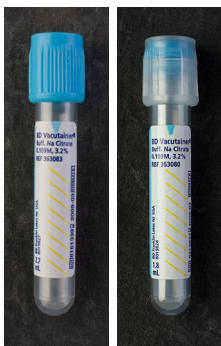
Used for 1-tube Quantiferon TB Gold Plus testing. For optimal specimen quality, gently invert seven to eight times after collection.

Size:

6.0 mL

Common tests include:

1-tube Quantiferon TB Gold Plus, T-Spot TB test.



2.7 mL

1.8 mL

Sodium Citrate (Blue)

Description:

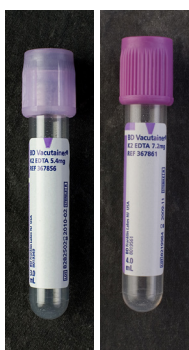
This tube produces a plasma when centrifuged. For optimal specimen quality, gently invert seven to eight times after collection. Specimens are generally centrifuged to produce a plasma specimen. Check test listing for processing instructions. This tube must be full.

Size:

2.7 mL (also available in 1.8 mL draw)

Common tests include:

Used commonly for coagulation determinations. Activated clotting time (ACT), anti-thrombin III, ACP resistance, D-dimer, factor assays, fibrinogen, lupus anti-coagulation evaluation, partial prothrombin time (PTT), protein S activity, protein S antigen (free), protein C activity, protein C antigen and prothrombin time (PT).



3.0 mL

4.0 mL

EDTA (Lavender)

Description:

This tube produces whole blood or plasma. For optimal specimen quality, gently invert seven to eight times after collection.

Size:

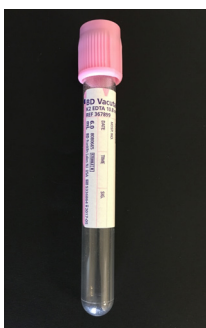
4.0 mL (also available in 3.0 mL for non-blood bank testing) or 6.0 mL

Common tests include (4.0 mL):

ACTH, CBC w/ diff, C4A level, folate RBC, G6PD, hemoglobin, hemoglobin A1C, hemoglobin electrophoresis, hematocrit, MTHFR, reticulocyte count, sed rate, sickle cell screen, VEG-F, BNP, BK quantitative PCR, CMV quantitative PCR, HCV, HBV, HIV-1, factor II and factor V mutation, CD4, HIV-1 PhenoSense Integrase, HIV-1 Trofile.

Common tests include (6.0 mL pink):

Glycohemoglobin.



K2 EDTA (Pink)

Description:

For whole blood hematology determinations and immunohematology (blood bank) testing.

Size:

6.0 mL

Common tests include:

ABO/Rh, antibody screen and identification, red cell antibody titer.



Plain No Additive (Royal Blue, Red Stripe on Label)

Description:

Produces serum when centrifuged. Used primarily for trace-element, toxicology and nutritional chemistry determinations. For optimal specimen quality, gently invert tube five times after collection to mix clot activator with blood, and allow blood to clot upright for 30 minutes before centrifuging for 10 minutes.

Size:

6.0 mL

Common tests include:

Copper (serum), iodine (serum), zinc (serum).



EDTA (Royal Blue, Purple Stripe on Label)

Description:

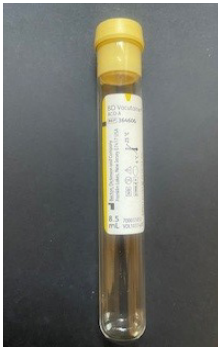
Contains EDTA anti-coagulant; used primarily for trace-element, toxicology and nutritional chemistry determinations. For optimal specimen quality, gently invert tube five times after collection.

Size:

6.0 mL

Common tests include:

Zinc (RBC), arsenic, heavy metals, mercury and lead.



ACD-A

Description:

Glass tube containing ACD Solution A, an anticoagulant.

Size:

8.5 mL

Common tests include:

CD4, HLA-B27, HNK1, donor HLA, recipient HLA, Lyme disease.



ACD-B

Description:

Glass tube containing ACD Solution B, an anticoagulant.

Size:

6.0 mL

Common tests include:

Narcolepsy-associated antigen HLA-DQ B1 typing blood, glutathione blood.



NMR Lipo Tube (Black/Yellow Cap)

Description:

Produces serum when centrifuged. Gently invert specimen 8 to 10 times to mix contents and allow specimen to clot. Centrifuge so the gel will separate the serum from the red cells. Commonly submitted for testing without opening the cap or aliquoting.

Size:

5 mL

Common tests include:

NMR lipoprofile.



Plain No Additive (Clear Cap)

Description:

Commonly used as an aliquot tube for urine specimens, for tests that do not require preservative.

Size:

6.0 mL

Common tests include:

Urine testing for BK virus; random urine chemistry testing such as amylase, calcium, chloride, creatinine, drug screens, osmolality, potassium, protein, protein electrophoresis, urea nitrogen, uric acid.



Tan

Description:

Primarily used for genetic testing. It generally must be completely filled and is submitted for testing as whole blood.

Size:

8.5 mL

Common tests include:

NIPT.

Microbiology/Immunology Studies



Occult Blood Card (ColoScreen)

Description:

Used to detect hidden blood in stool.

Common tests include:

Fecal occult blood.



Gastric Occult Blood Card

Description:

Used to detect gastric trauma or deterioration gastric conditions using gastric fluid applied to card.

Common tests include:

Gastric occult blood.



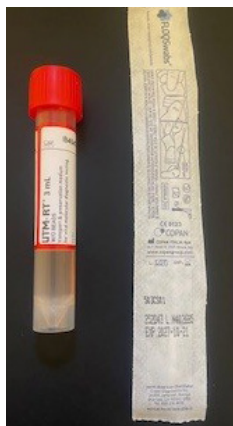
Occult Blood, Stool, Immunoassay

Description:

InSure One collection kit with test card. For use in detecting lower gastrointestinal disorders that may be related to iron deficiency anemia, diverticulitis, ulcerative colitis, polyps, adenomas or colorectal cancer.

Common tests include:

Occult blood FIT, occult blood fecal immunoassay.



Xpert® Swab Specimen Collection Kit

Description:

Designed to collect, preserve and transport vaginal specimens.

Common tests include:

Candidiasis, trichomonas, and bacterial vaginosis.

(Test only available for Emergency Department and Labor and Delivery inpatients.)



BBL Culture Swab Collection and Transport System (Liquid Stuart)

Description:

Collection and transport of aerobes.

Common tests include:

Used for *Bordetella pertussis* PCR (nasopharyngeal only).



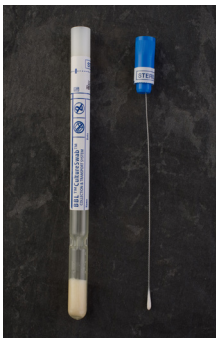
BBL Culture Swab Collection and Transport System (Liquid Amies)

Description:

Specimen collection kit for microbiology culture specimens.

Common tests include:

Culture: aerobic, genital, group B strep screen, throat and upper respiratory.



BBL Culture Swab Collection and Transport System (Mini-Tip Liquid Amies)

Description:

Specimen collection kit for nasopharyngeal specimens.



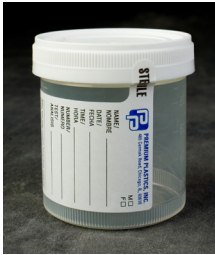
Blood Culture Collection Bottles (BacT/Alert System)

Description:

Specimen collection bottles for aerobic (blue cap) and anaerobic (purple cap) infections of the blood stream.

Common tests include:

Blood cultures (which screen for bacteria and yeast).



Sterile Specimen Container

Description:

Sterile specimen cup without any preservative.

Common tests include:

C. diff, urinalysis, urine culture, post-vasectomy, semen analysis, kidney stone analysis, random urine testing, stone analysis, disaccharidases, Helicobacter pylori stool antigen.



BD Vacutainer Urine Transfer Straw Kit With C&S Preservative Tube

Description:

Use a sterile specimen cup to collect urine midstream and transfer into culture tube. For optimal specimen quality, gently invert seven to eight times after collection.

Common tests include:

Urine culture.



BD Vacutainer Urine Transfer Straw Kit With UA Preservative Tube

Description:

Use a sterile specimen cup to collect urine midstream and transfer into UA tube. For optimal specimen quality, gently invert seven to eight times after collection.

Common tests include:

Urinalysis with microscopic only.



No-Additive Tube (Clear)

Description:

A clear tube without additives. Use a sterile specimen cup to collect urine midstream and transfer into the no-additive tubes.

Size:

6.0 mL

Common tests include:

Microalbumin with creatinine ratio random urine, microalbumin random urine, drug screen urine, osmolality, protein random urine, urine electrophoresis.



Blue Nasopharyngeal E-Swab Culture Swab Collection and Transport System (Liquid Amies)

Description:

Specimen collection kit for microbiology culture specimens.

Common tests include:

Culture: aerobic/anaerobic; culture: group A streptococcus screen, streptococcus A by PCR.



M4 (UTM-Universal Transport Media) Viral Media

Description:

Used for the detection of viral organisms.

Common tests include:

Culture: herpes, viral, mycoplasma and urea plasma.



VCM Swab Set (Lesion/Other)

Description:

Used for the detection of viral organisms.

Common tests include:

Culture: herpes, viral, mycoplasma and urea plasma.

(Note: Used for Quest Diagnostic Testing)



Ova and Parasite Transport

Description:

Protifix solution used to determine the presence of ova (eggs) and/or parasites in stool associated with intestinal infection.

Common tests include:

Ova and parasite exam and stool for white blood count.



Proto-Fix (White Cap)

Description:

Clear preservative liquid in container, scoop attached to lid of container. Specimen should be filled to red line.

Common tests include:

Ova and parasite, cryptosporidium, cyclospora, fecal leukocytes/WBC.



Para-Pak C&S (Orange Cap)

Description:

Cary-Blair preservative in container. Specimen needs to be filled to red line.

Common tests include:

Stool culture, GI panel.



Aptima Unisex Swab

Description:

To detect the presence of sexually transmitted infections in male and female specimens. The white cleaning swab cannot be used for specimen testing. The blue collection swab should be used to collect specimens at the source. Swab specimens must be transported to the laboratory in the swab specimen transport medium and tube.

Common tests include:

Chlamydia trachomatis (by NAT), Neisseria gonorrhoea (by NAT), trichomonas (female only), and mycoplasma genitalium (by NAA).



Aptima Urine Collection

Description:

To detect the presence of sexually transmitted infections in male and female urine specimens. The specimen volume must be between the black lines. Overfilled or underfilled specimens are a cause for rejection.

Common tests include:

Chlamydia trachomatis (by NAT), Neisseria gonorrhoea (by NAT), trichomonas vaginitis rRNA, Mycoplasma genitalium, NAA urine.



Aptima Multitest Swab Specimen Collection Kit

Description:

To detect the presence of sexually transmitted infections and/or monitor women's sexual health. Swab specimens must be transported to the laboratory in the swab specimen transport medium and tube.

Common tests include:

Chlamydia trachomatis (by NAT), Neisseria gonorrhoea (by NAT), trichomonas (rRNA), Women's Health Swab (NAA), Women's Health Swab Plus (NAA), mycoplasma genitalium swab (NAA).



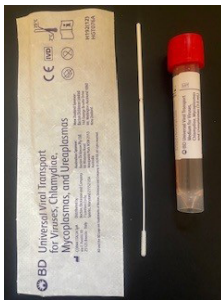
BBL Culture Swab Collection and Transport System (Liquid Stuart's Single and Double Swab)

Description:

Specimen collection kit for microbiology culture specimens.

Common tests include:

Aerobic culture, genital culture, gonorrhoea (GC) screen, group A streptococcus screen, group B streptococcus screen, throat culture, yeast screen.



Universal Viral Transport Kit (UTM)

Description:

Designed to transport viruses, chlamydia, mycoplasmas, and ureaplasmas at room temperature.

Common tests include:

Regular swab: herpes simplex 1 and 2 PCR, varicella zoster PCR, congenital CMV; nasopharyngeal swab: Bordetella pertussis/parapertussis PCR, influenza A and B, RSV, SARS-CoV-2.



Affirm Collection Kit

Description:

For specimen collection use only the Affirm VPIII Ambient Temperature Transport System (ATTS) and the swab provided in the Affirm VPIII Microbial Identification Test Kit. This kit detects the presence of yeast, gardnerella vaginalis and trichomonas vaginalis.

Common tests include:

Vaginitis/vaginosis DNA probe.



White E-Swab Culture Swab Collection and Transport System (Liquid Amies)

Description:

Specimen collection kit for microbiology culture specimens.

Common tests include:

Culture: vancomycin-resistant Enterococcus (VRE) screen; culture: throat; culture: genital, Strep A culture; culture: MRSA screen, aerobic only culture and aerobic/anaerobic culture, and Candida auris PCR screen.

Cytology/Histology



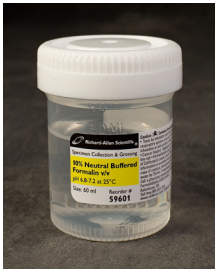
ThinPrep Pap Kit

Description:

PreservCyt liquid-based solution for gynecological specimens. Pap smear testing is performed by an FDA approved thin-layer cell preparation process, with or without the use of the imager technology. ThinPrep is also FDA approved for HPV and gonorrhea/chlamydia testing from the vial. Brooms, brushes and spatulas for specimen collection are available upon request.

Common tests include:

ThinPrep Pap, ThinPrep Pap with imager, HPV (high risk) and gonorrhea/chlamydia testing by DNA probe, anal pap.



Formalin Container

Description:

Ten percent formalin containers for the safe collection, preservation, transportation and storage of tissue specimens.

Common tests include:

Surgical biopsies and tissue pathology.

Note: Do not place cytology specimens in formalin.



ThinPrep Cytolyte Solution

Description:

Non-gynecological cytology specimens placed in CytoLyt or PreservCyt solution, including FNA (fine needle aspirates), urines, effusions, sputa, respiratory tract, gastrointestinal tract and nipple discharge.

Common tests include:

Fine needle aspirations, urine cytology, non-gynecological specimens and FSH.

Note: Urine cytology with reflex to FISH requires a minimum of 100 mL of urine.

Miscellaneous Collection Products



Filter Paper Collection Card

Description:

Primarily used for lead testing. For optimal specimen quality, capillary blood needs to free-fall (drop) onto filter paper, completely fill the two circular areas and saturate through to the other side of the filter paper.

Common tests include:

Lead.



Acid Washed (Metal-Free) Container

Description:

A sterile specimen cup that has been acid washed to create a metal-free container. This is primarily used for heavy metal testing in urine.

Common tests include:

Arsenic, cadmium, chromium, copper, heavy metals panel, iodine, lead, mercury, nickel, zinc.



Salivette Cortisol Kit

Description:

Contains a blue cap/stopper, a smaller internal plastic tube, a cotton pad contained inside the internal plastic tube, and a larger plastic outer container. All pieces of the kit must be submitted for testing to be performed.

Common tests include:

Cortisol liquid chromatography/mass spectrometry (LC/MS) saliva, cortisol LC/MS 4 samples.



BreathID UBT Collection Kit

Description:

Specialized kit including all supplies and instructions for collecting samples.

Common tests include:

Helicobacter pylori breath test.



Michel Transport Medium Vial

Description:

Cup container with Michel transport media liquid, commonly used for biopsy specimens.

Size:

15 mL fill

Common tests include:

Dermatology pathology direct immunofluorescence.
