LEGACY HEALTH | LEGACY LABORATORY SERVICES

Bronchial Alveolar Lavage Instructions

Physician Order	Millennium Order	Acceptable Specimen Type Enter Source as LLL, LML, LUL, RLL, RML, RUL	Lab Instructions
Acid Fast Bacteria Culture/AFB	Culture AFB includes AFB Stain	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy	Send to EM Microbiology
AFB Smear	Smear AFB, Direct	Direct Smear made at collection	Send to EM Microbiology
Aspergillus Galactomannan Antigen	ASPER AG BF ASPERAG	2 mL serum refrigerated. RED Top serum ONLY. Preferred sample 2.0 mL BAL fluid, frozen, sterile container. A definitive clinical cut-off has not been defined on BAL fluid	Send to HP Lab on transfer list Send to HP Lab on transfer list
Beta-D Glucan (Fungitell)	BD Glucan	2 mL serum refrigerated, RED Top serum ONLY Not performed on BAL fluid	Send to HP Lab on transfer list
Cell Count and Diff	Body Fluid Cell Count (includes differential)	Preferred 5.0 mL BAL Minimum 1.0 mL BAL	Site Hematology
Culture and Gram Stain	Culture Bronch Includes Gram Stain	Sterile Container BAL/Wash - no anaerobes will be set up Bronch Brush - aerobic and anaerobes Bronch Biopsy - aerobic and anaerobes	Set up site Micro bench
Cyto Bronch	Cyto Bronch: Send Cytology requisition from EPIC to lab Enter Comment: Iron Stain for alveolar hemorrhage Enter Comment Oil Red O (ORO) for lipid laden macrophages Enter Comment: PAS for PAP Enter Comment: GMS for Pneumocystis	15 mL BAL fluid	Send EPIC Cytology requisition with specimen on transfer list to HP Cytology
Eosinophil Smear	Body Fluid Eosinophil	Preferred 5.0 mL BAL Minimum 1.0 mL BAL	Site Hematology If a BF Cell Count and Differential is ordered as well, this is a duplicate order
Flow Cytometry for CD4-CD8	F LYMREQ Enter comment: BAL for CD4-CD8	15.0 mL BAL fluid, room temperature	Send on transfer list with EPIC requisition to GSH Flow
Fungus Culture	Culture Fungus	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy	Send to EM Microbiology

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Hematocrit	Body Fluid Hematocrit	1.0 mL BAL	Site Hematology
HSV by PCR	HSV CSF/BAL PCR: Enter source: BAL	Sterile Container, 1.0 mL frozen	Send to HP Referrals
KOH Stain	Fungus Smear or Smear Fungal	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy Direct Smear	Send to EM Microbiology
Legionella Culture	Legionella Culture	1.0 mL BAL in sterile container	Send to EM Microbiology
Legionella by PCR	BF LEGRP	1.0 BAL fluid, sterile container, refrigerated	Send to HP Referrals
Pneumocystis Direct Antigen (DFA) or PJP Antigen by DFA	Pneumocystis Antigen DFA Exam	Sterile Container BAL Bronch Brush	Send to EM Microbiology
Respiratory Virus PCR Panel 1 Includes: *Adenovirus by PCR *Human Metapneumovirus by PCR *Influenza A/B by PCR *Parainfluenza by PCR *RSV by PCR	Respiratory Virus Panel by PCR	Sterile Container 1.0 mL BAL Fluid refrigerated *Can do all five viruses on one sample	Send to EM Microbiology
Virus Cultures	Culture Viral includes Herpes and CMV. Enter Comment: r/o Herpes, CMV	1.0 mL BAL in sterile container	Send to EM Microbiology