



**Legacy Laboratory Services  
BRONCHIAL ALVEOLAR LAVAGE INSTRUCTIONS**

<b>Physician Order</b>	<b>Millennium Order</b>	<b>Acceptable Specimen Type Enter Source as LLL, LML, LUL, RLL, RML, RUL</b>	<b>Lab Instructions</b>
Acid Fast Bacteria Culture/AFB	Culture AFB includes AFB Stain	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy	Send to CL Micro on transfer list location to <i>LCL Micro-2<sup>nd</sup></i>
AFB Smear	Smear AFB, Direct	Direct Smear made at collection	Send to CL Micro on transfer list location to <i>LCL Micro-2<sup>nd</sup></i>
Aspergillus Galactomannan Antigen	ASPER AG  BF ASPERAG	2 mL serum collected in red top or gold top serum separator tube  2 mL BAL fluid, frozen, sterile container.	Send to Central Lab using transfer list location <i>LCL Central lab</i>
Beta-D Glucan (Fungitell)	BD Glucan	2 mL serum collected in red top or gold top serum separator tube	Send to Central Lab using transfer list location <i>LCL Central lab</i>
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 to Central Lab Cytology with the EPIC requisition using transfer list location <i>HP Cytol</i>
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



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Flow Cytometry for CD4-CD8	Flow Studies BAL Enter comment: BAL for CD4-CD8	15.0 mL BAL fluid, room temperature	Send to Central Lab Flow with the EPIC requisition using transfer list location <i>LCL AP-2<sup>nd</sup></i>
Flow Cytometry for Lymphoma	Flow Studies Enter comment: BAL for r/o lymphoma	15.0 mL BAL fluid, room temperature	Send to Central Lab Flow with the EPIC requisition using transfer list location <i>LCL AP-2<sup>nd</sup></i>
Fungus Culture	Culture Fungus	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy	Send to CL Micro using transfer list location to <i>LCL Micro-2<sup>nd</sup></i>
Hematocrit	Body Fluid Hematocrit	1.0 mL BAL	Site Hematology
HSV by PCR	HSV CSF/BAL PCR	Cerebrospinal fluid (CSF) or BAL in sterile collection container. Serum or plasma: One 5.0 mL gold (SST) or one 4.0 mL lavender (EDTA) tube, respectively.	Send to Central Lab referrals using transfer list location <i>LCL Central lab</i>
KOH Stain	Fungus Smear or Smear Fungal	Sterile Container BAL/Wash Bronch Brush Bronch Biopsy Direct Smear	Send to CL Micro using transfer list location to <i>LCL Micro-2<sup>nd</sup></i>
Legionella Culture	MC LEGION	1.0 mL BAL in sterile container	Send to Central Lab referrals using transfer list location <i>LCL Central lab</i>
Legionella by PCR	BF LEGRP	1.0 BAL fluid, sterile container, refrigerated	Send to Central Lab referrals using transfer list location <i>LCL Central lab</i>
Pneumocystis Direct Antigen (DFA) or PJP Antigen by DFA	Pneumocystis Antigen DFA Exam	Sterile Container BAL Bronch Brush	Send to CL Micro using transfer list location to <i>LCL Micro-2<sup>nd</sup></i>



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Respiratory Panel PCR Includes:  *Adenovirus by PCR  *Bordetella pertussis by PCR  *Human Metapneumovirus by PCR  *Influenza A/B by PCR  *Parainfluenza by PCR  *RSV by PCR  *Mycoplasma pneumonia PCR  *Chlamydomphila pneumonia PCR  *Enterovirus/Rhinovirus PCR  *Coronavirus PCR	Respiratory Panel by PCR RP PCR	Sterile Container 1.0 mL BAL Fluid refrigerated	Send to CL Micro using transfer list location to <i>LCL Micro- 2<sup>nd</sup></i>