### Testing on Direct Patient Specimens

For solid tissue, please note that we do not process more than 1 cubic cm. Submit only the portion of the specimen with the greatest diagnostic potential.

Due to the presence of normal microbiota, not all specimens are acceptable for broad-range PCR. Please refer to our website for more information on our tests, acceptable specimens and an updated order form, [http://depts.washington.edu/molmicdx](http://depts.washington.edu/molmicdx).

**BROAD-RANGE PCR**

- **AFB**: NTMPCR, TBCPCR
- **Bacteria** (reflex to NGS16S when multiple templates are present)
  - Standard Bacterial PCR only (not recommended)
  - Fungi
- **Fungi**: FUNPCR
- **Next Generation Sequencing**
  - Bacteria (Next Generation Sequencing for poly-microbial sites)
    - BCTPCR (NGS16S)

**PATHOGEN-SPECIFIC PCR**

- **Bacteria**
  - Bartonella PCR - Tissue
  - Legionella PCR
  - Tropheryma whippelii
  - Mycoplasma, Respiratory
  - Mycoplasma, Genital
  - Mycoplasma, Miscellaneous
  - Mycobacterium tuberculosis Complex PCR
  - *Nontuberculous Mycobacteria (AFB other than MTB Complex) PCR*
- **Fungi**
  - Aspergillus PCR (detects A. fumigatus) - BAL*
  - Aspergillus PCR (detects A. fumigatus) - Tissue*
  - Histoplasma PCR*
  - Cryptococcus PCR (detects C. neoformans and C. gattii) *
  - Coccioides PCR*
  - Pneumocystis PCR*
- **Parasites**
  - Toxoplasma PCR

*If negative, do you want broad-range PCR for fungi (for normally sterile sites & BAL only) ___ YES ___ NO (FUNPCR)

### Testing on Cultured Organisms

**ORGANISMS IDENTIFIED BY DNA SEQUENCE-BASED METHODS:**

- **AFB Sequencing**
- **Bacterial Sequencing**
- **Fungal Sequencing**

**DETECTION OF SPECIFIC GENES**

- meca gene

**STRAIN TYPING**

- **Bacterial Strain Typing by Whole Genome Sequencing**
- **MRSA Typing by spa and VNTR analysis**

Requests for pathogen-specific PCRs not listed above will be reflexively tested by the corresponding Broad-range PCR, if applicable.

Other Requests
It is our policy to provide health care providers with the ability to order only those lab tests medically necessary for the individual patient and to ensure that the convenience of ordering standard panels and custom profiles does not impact this ability. While we recognize the value of this convenience, indiscriminate use of panels and profiles can lead to ordering tests that are not medically necessary. Therefore, all tests offered in our panels and profiles can be ordered individually as well. If a component test is not listed individually on the request form, it may be written in the "OTHER REQUESTS" box. We encourage you to order individual tests or a less inclusive profile when not all of the tests included in the panel or profile are medically necessary for the individual patient.

Medicare Billing Information
Medicare billing policy prevents us from submitting a Medicare claim for laboratory testing referred to us on hospital inpatients or hospital outpatients. For these samples, we will bill the sending location.