



Principal Investigator : _____ Date Requested: _____ Budget Administrator: _____
 Person Requesting Service: _____ Department/Campus Address: _____
 Office Phone _____ Lab Phone _____ Fax _____ E-mail _____
 SAP Number/PO#: _____ Expiration Date: _____

Mycoplasma Test. All species of *Acholeplasma*, *Mycoplasma*, *Spiroplasma*, and *Ureaplasma* can be detected; however, the assay is **not** species specific. Common species to contaminate cell cultures are listed below:

Acholeplasma laidlawi *Mycoplasma hyorhinis* *Mycoplasma fermentans*
Mycoplasma salivarium *Mycoplasma orale* *Mycoplasma arginini*

**This service may not be used for clinical applications.
 Potential pathogens should be disclosed to the Cell Center prior to processing.**

Sample Preparation by Investigator: Grow cells in antibiotic-free media for a minimum of 3 days. Do not change the medium or dilute with fresh medium for 24-72 hours before testing. Cells should be 50-80% confluent. **Adherent cells:** remove most, but all, of the used medium. Leave approx. 3 ml in a T25 flask or 5 ml in a T75 flask. Use a cell scraper to dissociate cells from the substrate. Break up clumps by vigorously pipetting. **Suspension cells:** Pipet 2 ml of a heavy cell suspension into a 6 ml test tube.

Place cell suspension in a 6 ml test tube and bring it to Blalock 1017B by Tuesday 10 am.

Note: Samples grown in antibiotics or given fresh medium prior to testing may have artificially low mycoplasma levels and may give a false negative result. Likewise, trypsinizing adherent cells may remove some mycoplasma from the cell membrane. Conversely, samples that are contaminated with bacteria, fungi, or viruses may give a false positive because the test stains all prokaryotic cells.

Unit Price	Description
\$90	Test cells for mycoplasma*

Non JHMI users add 16% to price

Sample Designation

Type or Place Label Here
 Sample Designation
ONE SAMPLE PER FORM

Signature: _____

External contract with Bionique Testing Laboratories, Inc.; Saranac Lake, NY