



## NEW TESTS

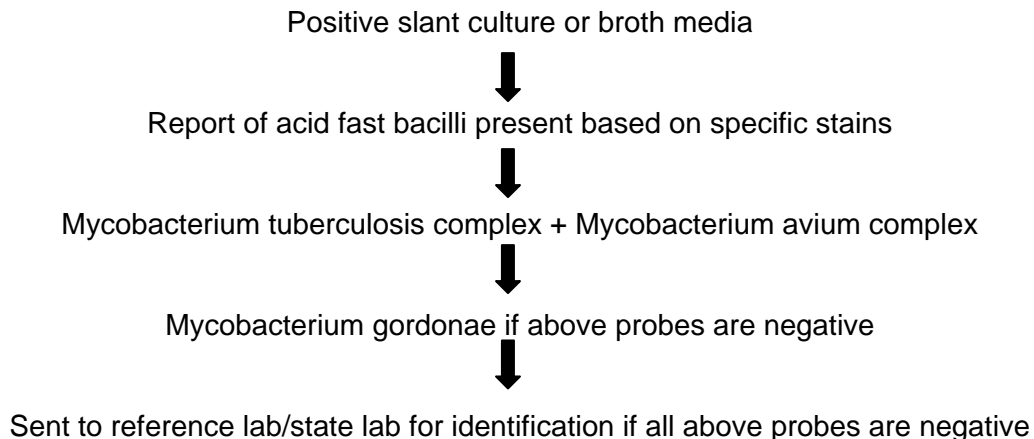
We are pleased to announce the availability of the following tests:

### Rapid Identification of Mycobacterium

Starting March 1, 2010, Alverno Clinical Laboratories will offer rapid DNA probe tests which utilize the technique of nucleic acid hybridization for identification of the most commonly isolated Mycobacterium. Our Microbiology laboratory will now be performing this testing on-site. This service will help to expedite accurate identification, as probes can be completed within an hour.

<b>Mycobacterial Identification</b>	<b>Sensitivity</b>	<b>Specificity</b>
<i>Mycobacterium tuberculosis complex</i>	99.2%	99.0%
<i>Mycobacterium avium complex</i>	99.9%	100.0%
<i>Mycobacterium gordonae</i>	98.8%	99.7%

Alverno has incorporated this technology as part of our routine Mycobacterial identification scheme. Cultures showing Mycobacteria are subjected to nucleic acid probes for *Mycobacterium tuberculosis complex* and *Mycobacterium avium complex*. If *Mycobacterium gordonae* is suspected, probes are also available for identification. Our testing algorithm is shown below:



NOTE: All negative probe results will be reported on final report. In addition any negative probe result will show on preliminary reports before full organism identification is available.

For further test information, please contact our client services department (800) 937-5521

