



December 2007

S.pneumoniae and Fastidious or Infrequently Isolated Bacteria - Susceptibility Test Method Change

To Health Care Providers

As of January 1st, 2008, the Ontario Public Health Laboratories (OPHL) is changing from the current agar dilution method to the broth microdilution method for susceptibility testing of *S.pneumoniae* and fastidious or infrequently isolated bacteria. The OPHL will be using the Sensititre® broth microdilution method from TREK Diagnostic Systems, Inc.

This new methodology will provide minimum inhibitory concentration (MIC) values and, for those bacteria noted below, the OPHL will also provide susceptibility test result interpretation in accordance with Clinical and Laboratory Standards Institute guidelines:

Bacteria

- *Streptococcus pneumoniae* and
- *Abiotrophia* species and *Granulicatella* species
- *Aeromonas hydrophila*, *A. caviae*, *A. jandaei*, *A. schubertii*, *A. veronii* or *Plesiomonas shigelloides*
- *Bacillus* species (not including *B. anthracis*)
- *Campylobacter jejuni/coli*
- *Corynebacterium* species including *C. diphtheriae*
- *Erysipelothrix rhusiopathiae*
- HACEK Group (*H. aphrophilus*, *H. paraphrophilus*, *H. segnis*, *Actinobacillus actinomycetemcomitans*, *Cardiobacterium* species, *Eikenella corrodans*, and *Kingella* species)
- *Lactobacillus* species
- *Leuconostoc* species
- *Listeria monocytogenes*
- *Moraxella catarrhalis*
- *Pasteurella* species
- *Pediococcus* species
- *Vibrio* species (not including *V. cholerae*)

For Further Information:

- Contact the Bacteriology office at **416-235-5712**