ETEST APPLICATION SHEET

Fastidious Gram Negative Bacilli
Bartonella, Bordetella, Capnocytophaga, Legionella, and Pasteurella spp

In the USA, For Investigational Use Only
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SPECIMEN
Periodontal, blood, respiratory and bite wounds

PROCEDURE
Agar medium
Bartonella spp.: Mueller Hinton + 1% haemoglobin + 1% IsoVitaleX™ (BBL)
Bordetella spp.: Regan-Lowe, Bordet-Genjou or Mueller Hinton + 5% blood
Capnocytophaga spp.: Brucella blood agar
Legionella spp.: Buffered Charcoal Yeast Extract (BCYE)
Pasteurella spp.: Mueller Hinton + 5% blood

Inoculum
Suspension in broth:
Bartonella, Capnocytophaga, Legionella and Pasteurella spp.: 1 McFarland
Bordetella spp.: 3 McFarland

Incubation
Bartonella and Legionella spp.: 35°C/5% CO₂/3-5d
Bordetella spp.: 35°C/ambient in bags (moist)/3-5d
Capnocytophaga and Pasteurella spp.: 35°C/5% CO₂/48h

LITERATURE

QUALITY CONTROL AND INTERPRETATION
No NCCLS criteria are available. Use publications for suggestions of quality control and interpretive criteria.

READING PRECAUTIONS
1. For bactericidal drugs, read at complete inhibition of growth (microcolonies, hazes and isolated colonies).
2. For bacteriostatic drugs, read at 80% inhibition when trailing is seen.

ANTIBIOGRAM

Examples only, please use your own formulary.

REFERENCES
5. Rhomberg et al. (1994). Evaluation of Etest for antimicrobial susceptibility testing of L. pneumophila, including validation of the imipenem and sparfloxacin strips. DMID. 20: 159-162.

AB BIODISK
Dulvägen 10, S-169 56 Solna, Sweden. Tel: +46-8-730 07 60. Fax: +46-8-83 81 58. etest@abbiodisk.se www.abbiodisk.com