Patients with suspected acute meningitis n = 2554

Excluded patients:
Not evaluated at CMH, n = 309
No CSF culture or Gram stain result, n = 584

1661 specimens (74.0%) eligible for study

CSF not available for RT-PCR, n = 1210

Included in study n = 451

CSF RT-PCR negative for S. pneumoniae, N. meningitidis, or H. influenzae n = 338 (74.9%)
CSF RT-PCR positive for S. pneumoniae, N. meningitidis, or H. influenzae n = 113 (25.1%)

CSF culture positive for S. pneumoniae, N. meningitidis, or H. influenzae n = 76 (67.3%)
CSF culture negative for S. pneumoniae, N. meningitidis, or H. influenzae n = 37 (32.7%)

CSF culture positive for S. pneumoniae, N. meningitidis, or H. influenzae n = 4 (1.2%)
CSF culture negative for S. pneumoniae, N. meningitidis, or H. influenzae n = 334 (98.8%)

GS without GPDC, GNDC, or GNCB n = 1 (1.3%)
GS with GPDC, GNDC, or GNCB n = 75 (98.7%)

GS without GPDC, GNDC, or GNCB n = 20 (54.1%)
GS with GPDC, GNDC, or GNCB n = 17 (45.9%)

GS without GPDC, GNDC, or GNCB n = 3 (75.0%)
GS with GPDC, GNDC, or GNCB n = 1 (25.0%)

GS without GPDC, GNDC, or GNCB n = 3 (1.5%)
GS with GPDC, GNDC, or GNCB n = 329 (98.5%)