Reviewer's report

Title: Accuracy of IgM antibody testing, FQ-PCR and culture in diagnosis of acute infection by Mycoplasma pneumoniae in adults and adolescents with community-acquired pneumonia

Version: 1 Date: 12 December 2012

Reviewer: Lin Zou

Reviewer's report:

Here is the review of Manuscript Titled ‘Accuracy of IgM antibody testing, FQ-PCR and culture in diagnosis of acute infection by Mycoplasma pneumoniae in adults and adolescents with community-acquired pneumonia’:

Major Concern:
This manuscript collected 125 CAP patients' paired sera to perform prospective study, to compare the three ways for evaluating acute infection of Mycoplasma pneumonia. However, the scientific significance of this investigation lacks enough novelty, which is known before that culture is the best among the three measurement methods for MP acute infection. Moreover, the patient amount is small, not enough to get this conclusion. The relationship and time lasting between the antibody of IgG and IgM for MP is not explained clearly. These two kinds of antibodies

Minor Concern:
1. The quality of English writing of this manuscript need improved, especially in the abstract.
2. The title is not accurate and suit for the study.