

Abstract

Chlamydia pneumoniae is a common respiratory pathogen and also a major cause of atypical pneumonia. The aim of this-year project is to develop serological MIF detection and rapid molecular real-time PCR methods for the detection of *Chlamydia pneumoniae*, and applied these methods in the detection of specimen. We hope that this will help to elucidate outbreaks and understand epidemiology of *Chlamydia pneumoniae* in Taiwan.

Keywords : *Chlamydia pneumoniae* ; serological diagnosis ; molecular diagnosis ; culture of pathogen ; *Chlamydia trachomatis*