

chorus line

A COMPLETE
PANEL OF
TESTS
FOR THE
SEROLOGICAL
DIAGNOSIS OF
CHLAMYDOPHILA
PNEUMONIAE
INFECTION

CHLAMYDOPHILA PNEUMONIAE

Single test ready to use devices

Convenient packaging 6x6 devices
in re-sealable pouches

Truly walk-away system

Reduction of the turn-around time

NIECE
NIECE

INNOVATIVE CLINICAL DIAGNOSTIC SYSTEMS

CHLAMYDOPHILA PNEUMONIAE

Similar to viruses, Chlamydia pneumoniae – a Gram negative bacillus - is a parasitic organism that cannot reproduce outside of the host cell. Chlamydia pneumoniae exists in a stationary, non-infectious state in between hosts known as elementary body (EB).

The elementary form of the bacteria is transferred via small water droplets into another host's lungs where it is phagocytosed into cells. Once the elementary body is taken in, it transforms into the reticulate body, and it replicates itself within the cell. With numerous copies of itself within the cell, the reticulate body reverts back to its elementary form, lyses the cell, and begins the cycle of infection again. Chlamydial infections of the respiratory system do not present a typical clinical picture. The spectrum of disease, in addition to pneumonia and influenza-like illness, includes pharyn-

gitis, sinusitis, bronchitis, exacerbation of chronic obstructive pulmonary diseases and reactive arthritis. C. pneumoniae accounts for 6% to 20% of cases of community-acquired pneumonia (CAP). Moreover, C. pneumoniae has been reported as a possible cause of atherosclerosis and central nervous system disorders.

The detection of specific antibodies against C. pneumoniae is the most common diagnostic tool for detecting the infection. Microimmunofluorescence (MIF) is considered as a reference method, but it has several limitations due to its technical complexity, subjective reading and interpretation of the results; ELISA methods are much easier to perform than MIF, allowing an objective interpretation of the results. The Chorus kits for the serological diagnosis of infection by Chlamydia pneumoniae combine the advantages of the ELISA methodology with the single test ready to use format of the diagnostic reagents, allowing a simple and fast serological diagnosis.



KIT	COD.	CONF.
Chorus CHLAMYDOPHILA PNEUMONIAE IgA For the determination of anti-Chlamydia pneumoniae IgA antibodies in human serum. Contains calibrator and positive control.	81252	36 tests
Chorus CHLAMYDOPHILA PNEUMONIAE IgG For the determination of anti-Chlamydia pneumoniae IgG antibodies in human serum. Contains calibrator and positive control.	81250	36 tests
Chorus CHLAMYDOPHILA PNEUMONIAE IgM For the determination of anti-Chlamydia pneumoniae IgM antibodies in human serum. Contains calibrator and positive control.	81251	36 tests