

## PATIENT WITH LEGIONNAIRES' DISEASE

### ASCERTAINED CASE

#### Clinical or radiological diagnosis of Pneumonia

#### AND AT LEAST POSITIVITY FOR ONE OF THE FOLLOWING TEST:

- Cultural isolation of *Legionella spp* from organic samples (respiratory secretions, bronchial washing, lung tissue, pleural effusion, pericardial effusion, blood).
- Identification of the specific urine soluble antigen
- Seroconversion: increase (four times higher) of *Legionella pneumophila* 1 antibody titre. The detection of antibody titre has to be performed by immunofluorescence or microagglutination in two blood samples taken at a distance of ten days.

### PRESUMED CASE

#### Clinical or radiological diagnosis of Pneumonia

#### AND AT LEAST POSITIVITY FOR ONE OF THE FOLLOWING TEST:

- Increase (four times higher) of the antibody titre specific for species different from *Legionella pneumophila* 1.

The detection of antibody titre has to be performed by immunofluorescence or microagglutination.

- High single antibody titre ( $\geq 1:256$ ) specific for *Legionella pneumophila* 1 or other *Legionella* spp/serogroups.
- Positivity to immunofluorescence directed against monoclonal or polyclonal antibodies from pathologic material.