



# Q fever diagnosis

The gold standard method for detecting acute and chronic disease

Indirect immunofluorescent assays (IFA) for the detection of IgG, IgM and IgA antibodies against *Coxiella burnetii* phase I and phase II

## Product features:

- Gold standard method for a **differential diagnosis** of acute and chronic disease
- *Coxiella burnetii* **phase I and phase II antigen** in fully coated separate wells to facilitate the reading of results
- Complete kits including **IgG, IgM and IgA conjugates**
- **Ready- to- use reagents**, including IgG sorbent for IgM and IgA detection



Ref. PCOBU I-II 100 Tests



Q fever is a highly contagious zoonotic disease caused by the intracellular pathogen *Coxiella burnetii*.

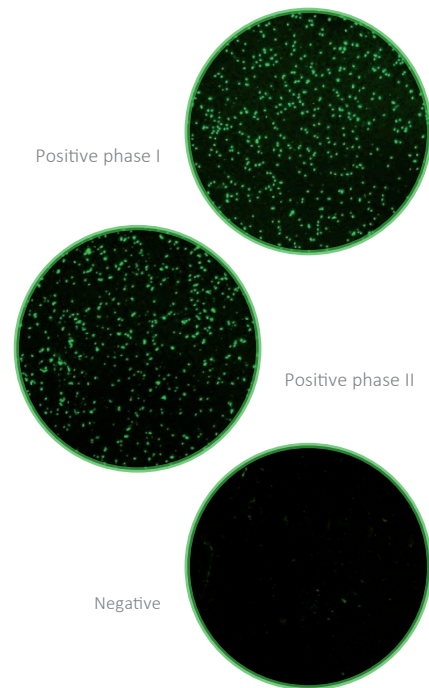
As it is still a quite unknown disease the number of cases of Q fever is probably underrated. Its clinical presentation is varied, including severe forms with poor prognosis.

Acute cases often present as an asymptomatic infection, febrile syndrome, pneumonia or hepatitis; while chronic disease may course as infectious endocarditis with negative blood culture, which is a serious problem that could be lethal.

## Microbiological diagnosis

The diagnosis of Q fever should be considered in cases of fever of unknown origin, especially if the subject has been in contact with mammals likely to be infected.

Direct detection of bacteria should be performed in laboratories with adequate biosafety measures and with specialized personnel. Indirect diagnosis is the most widely used and IFA is the reference method.



The reaction is positive when apple green fluorescence of coco-bacillar morphology can be observed

- **IFA, gold standard method**

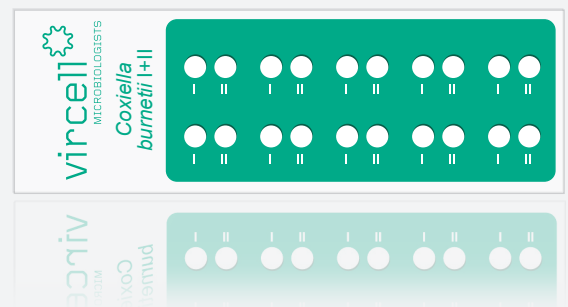
IFA is considered the indirect gold-standard method by its simplicity, speed, sensitivity and possibilities for quantification.

- **Main parameters for the differential diagnosis**

In chronic Q fever endocarditis patients, the antiphase I titers exceed those of anti-phase II. In addition, they may have high IgA levels in serum.

- **PCOBU I+II, the most comprehensive product in the market**

COXIELLA BURNETII I+II IFA IgG/IgM/IgA (Ref. PCOBU I+II) is a unique product in the market which can detect IgG, IgM or IgA antibodies against *Coxiella burnetii* phase I and phase II.



COXIELLA BURNETII I+II IFA IgG/IgM/IgA (Ref. PCOBU I+II)

## Ordering information

| Reference  | Description                            | Pack size |
|------------|--|-----------|
| PCOBUG     | COXIELLA BURNETII IFA IgG              | 100 tests |
| PCOBUM     | COXIELLA BURNETII IFA IgM              | 100 tests |
| PCOBU I+II | COXIELLA BURNETII I+II IFA IgG/IgM/IgA | 100 tests |
| SCOBU      | COXIELLA BURNETII IFA SLIDE            | 100 tests |