

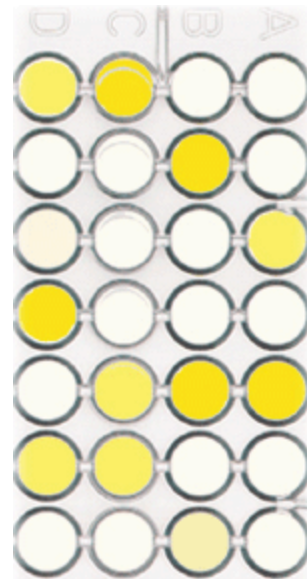
**NEW** *recomWell Chlamydia pneumoniae IgG*  
*recomWell Chlamydia pneumoniae IgM*  
*recomWell Chlamydia pneumoniae IgA*

ELISA format based on *Chlamydia pneumoniae* specific antigen (COMC) for detection of IgG, IgM, or IgA antibodies to *Chlamydia pneumoniae*.

*Chlamydia pneumoniae* is an obligate intracellular bacterium that targets the respiratory tract. Although most infections are asymptomatic or mildly symptomatic, more severe infections do occur, often in elderly people.

Chlamydiae reproduce in a biphasic development cycle: extracellular infectious elementary bodies and intracellular metabolically active non-infectious reticular bodies. This type of reproduction facilitates persistent, chronic infections.

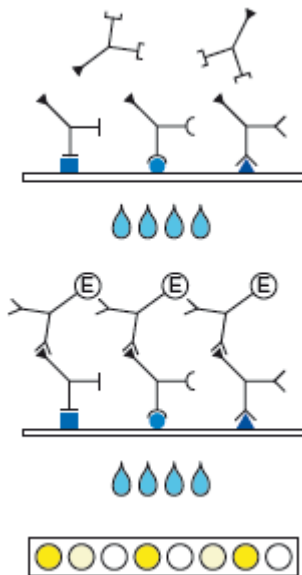
*recomWell Chlamydia pneumoniae* are highly-specific assays that incorporate recombinant antigens of the outer membrane complex of *Chlamydia pneumoniae* (COMC) elementary bodies and reticular bodies.



## Product advantages

- High sensitivity and specificity.
- Excellent discrimination between negative and positive results.
- Separate detection of IgG, IgM, and IgA antibodies is possible.
- Simple, user-friendly assay procedure.
- Assay procedure and reagents identical in all MIKROGEN *recomWell* products - reagents exchangeable.

## Test principle and procedure



### Storage

Store products at 2-8°C.

### Product no. 6104

**recomWell Chlamydia pneumoniae IgG**  
(Reagents for 96 determinations)

### Product no. 6105

**recomWell Chlamydia pneumoniae IgM**

### Product no. 6106

**recomWell Chlamydia pneumoniae IgA**  
(Reagents for 96 determinations)

Indirect ELISA format.

Recombinant antigens are bound to the solid phase.

### 1<sup>st</sup> Incubation

Add samples (10µl of serum or plasma) diluted 1:100, incubate for **1 h** at 37 °C.

Wash 4 times.

### 2<sup>nd</sup> Incubation

Add peroxidase conjugated anti-human IgG, IgM, or IgA antibodies (conjugate), incubate for **30 min** at 37 °C.

Wash 4 times.

### Color reaction

Add ready-to-use TMB solution and incubate for **30 min** at room temperature.

Stop the substrate reaction with H<sub>3</sub>PO<sub>4</sub> and measure the extinction at 450 nm.

For more information visit

<http://www.mikrogen.de/english/deutschland/home.html>

*Available in the U.S. For Research Use Only.*

*Not intended for diagnostic procedures.*