

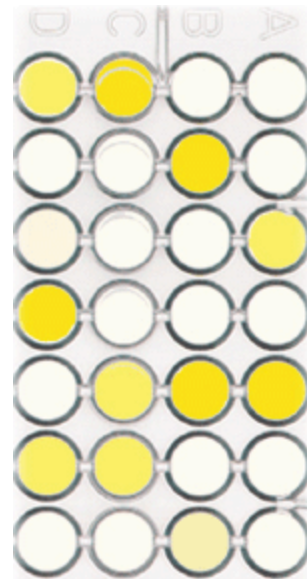
NEW *recomWell Chlamydia pneumoniae IgG*
recomWell Chlamydia pneumoniae IgM
recomWell Chlamydia pneumoniae IgA

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.

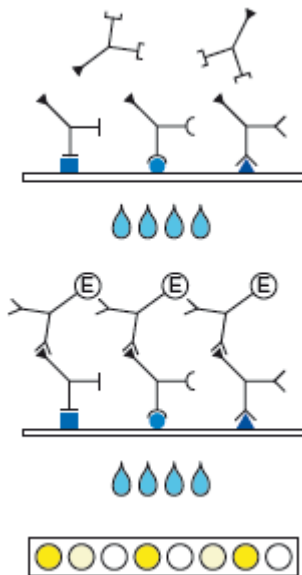
recomWell Chlamydia pneumoniae are highly-specific assays that incorporate recombinant antigens of the outer membrane complex of *Chlamydia pneumoniae* (COMC) elementary bodies and reticular bodies.



Product advantages

- High sensitivity and specificity.
- 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.

1st Incubation

Add samples (10µl of serum or plasma) diluted 1:100, incubate for **1 h** at 37 °C. Wash 4 times.

2nd 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 H₃PO₄ 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.*