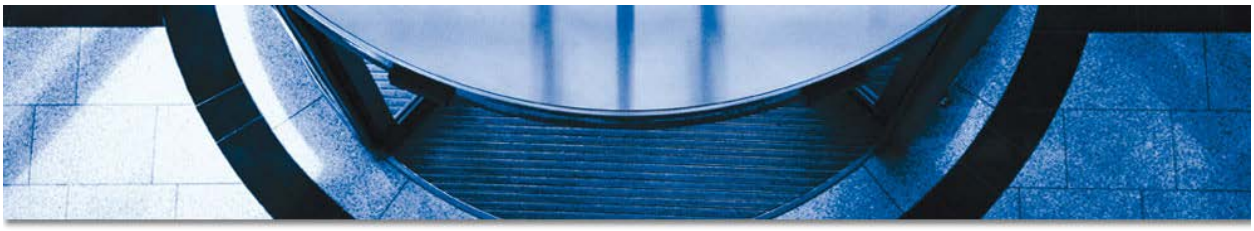
MIKROGEN
DIAGNOSTIK

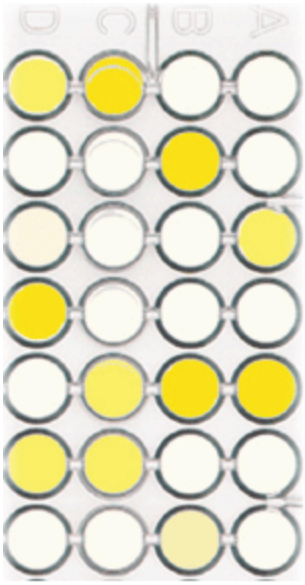


NEW *recom*Well Chlamydia pneumoniae IgG
*recom*Well Chlamydia pneumoniae IgM
*recom*Well Chlamydia pneumoniae IgA

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.

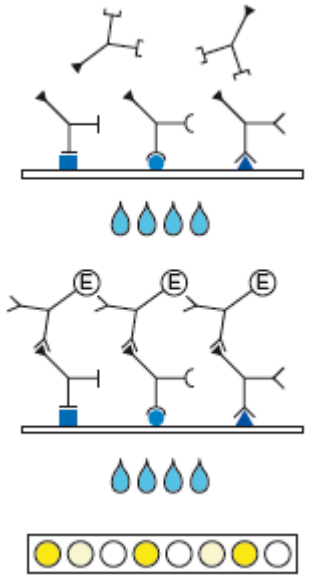


*recom*Well Chlamydia pneumoniae are highly-specific assays that incorporate recombinant antigens of the outer membrane complex of *Chlamydia pneumoniae* (COMC) elementary bodies and reticular bodies.

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 *recom*Well products - reagents exchangeable.

Test principle and procedure



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 H_3PO_4 and measure the extinction at 450 nm.

Storage
Store products at 2-8°C.

Product no. 6104
***recom*Well Chlamydia pneumoniae IgG**
(Reagents for 96 determinations)

Product no. 6105
***recom*Well Chlamydia pneumoniae IgM**

Product no. 6106
***recom*Well Chlamydia pneumoniae IgA**
(Reagents for 96 determinations)

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.