



Cellabs Product Profile

CHLAMYDIA CEL Pn

INTENDED USE AND PRINCIPLE OF THE TEST

The Chlamydia Cel Pn If Test is an *in vitro* indirect immunofluorescence test for the direct detection of *Chlamydia pneumoniae* organisms in clinical specimens. A monoclonal antibody to *C. pneumoniae* binds specifically to the organisms present in fixed specimens and a second antibody, FITC-conjugated goat anti-mouse Ig, stains the *C. pneumoniae* organisms.

CONTENTS OF THE KIT

The Chlamydia Cel Pn range is available in a number of formats, including: 10 Test Demo (KC3 Demo), 50 Test (KC3), 200 Test Bulk, Positive Control Slide only, and Mounting Fluid only. Note that the Chlamydia Cel Pn MAb Reagent and Anti-mouse Ig-FITC Reagent has been optimised for use with Cellabs *Chlamydia pneumoniae* Positive Control Slide and Mounting Fluid.

| | | KC3 Demo | KC3 Standard | Bulk |
|------------|--|-----------|--------------|------------|
| RC3 | Chlamydia Cel Pn MAb Reagent | 0.25mL | 1.25mL | 5mL |
| RM | Anti-mouse Ig-FITC Reagent | 0.25mL | 1.25mL | 5mL |
| C | Positive Control Slide (Single Use only) | 1 | 1 | - |
| RMF | Mounting Fluid | 2.5mL | 2.5mL | - |
| | <i>Tests</i> | <i>10</i> | <i>50</i> | <i>200</i> |

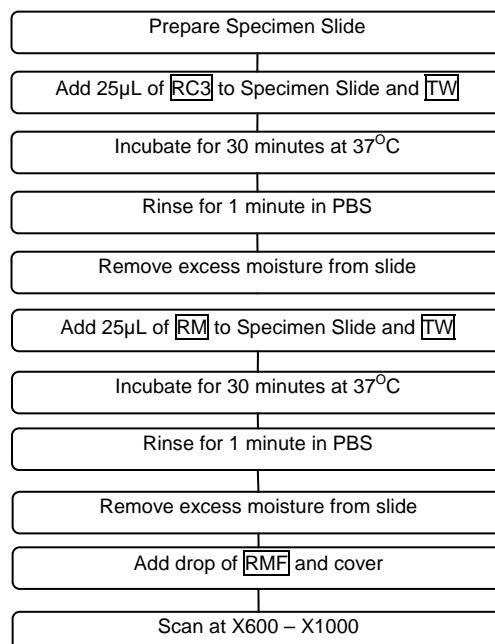
All components should be stored at 2-8°C, and are supplied ready for use. Expiry dates are clearly marked on each kit component and on the box and do not change once opened.

MATERIALS REQUIRED BUT NOT PROVIDED

- Microscope slides with 6-8mm diameter wells
- Acetone or methanol or acetone for specimen fixation
- Precision pipette for delivering 25µL
- Humid chamber
- Wash bath
- Phosphate buffered saline (PBS) for washing step
- Cover slips
- Non-fluorescing immersion oil
- Fluorescence microscope with filter system for FITC (maximum excitation wavelength 490nm, mean emission wavelength 530nm) and x600-x1000 magnification

DIAGRAM FOR USE

Use Cellabs Instructions for Use Insert contained in kit when performing test, and refer to Material Safety Data Sheet (MSDS) for further information.





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READING AND INTERPRETATION OF RESULTS AND DIAGNOSIS

C. pneumoniae elementary bodies and reticulate bodies fluoresce bright apple green (with typical morphology) against a background of reddish/brown counterstained material. Results should be compared with the Positive Control Slide.

PERFORMANCE DATA FOR CHLAMYDIA CEL Pn

Sensitivity/Specificity

| | | |
|---|--|--|
| A | n = 53. Chlamydia Cel Pn versus culture. | Sensitivity: 100% Specificity: 100% |
|---|--|--|

Repeatability & Reproducibility

5 identical antigen samples were tested by 3 different operators and there was 100% correlation in the results.

Cross reactivity

The Chlamydia Cel Pn does not cross react with:

Staphylococcus epidermidis
Staphylococcus aureus
Beta haemolytic Streptococcus group A
Streptococcus pneumoniae
Haemophilus influenzae
Haemophilus parainfluenzae
Escherichia coli
Klebsiella pneumoniae
Proteus mirabilis
Pseudomonas aeruginosa
Bacteroides fragilis

Viridans Streptococcus
Candida albicans
Mycoplasma pneumoniae
Chlamydia trachomatis
Chlamydia psittaci
Respiratory Syncytial Virus
Adenovirus
Parainfluenzae type 3
Influenzae type B
Cytomegalovirus

For Ordering Assistance:

See Your Local Distributor:

OR

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