

Medac Chlamydia pneumoniae IgM

No password protection.

Written by medac.

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Plate ID Check: *

Generic 96 well plate type.

	1	2	3	4	5	6	7	8	9	10	11	12
A	B1	T5	T13	T21	T29	T37	T45	T53	T61	T69	T77	T85
B	NC1	T6	T14	T22	T30	T38	T46	T54	T62	T70	T78	T86
C	NC1	T7	T15	T23	T31	T39	T47	T55	T63	T71	T79	T87
D	PC1	T8	T16	T24	T32	T40	T48	T56	T64	T72	T80	T88
E	T1	T9	T17	T25	T33	T41	T49	T57	T65	T73	T81	T89
F	T2	T10	T18	T26	T34	T42	T50	T58	T66	T74	T82	T90
G	T3	T11	T19	T27	T35	T43	T51	T59	T67	T75	T83	T91
H	T4	T12	T20	T28	T36	T44	T52	T60	T68	T76	T84	T92

Pipette

Probenverd. 1:25

Pipette into wells E1-H12.

Action on error: Raise alarm and stop

Aspirate 250ul from Med.Probenpuffer Bakt..

Aspirate 10ul from patient sample (speed 1).

Dispense 250ul into dilution plate ('Prob.verd. 1:25') (speed 3).

Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

RF

Pipette into wells E1-H12.

Action on error: Raise alarm and stop

Aspirate 100ul from Med-RF.

Aspirate 100ul from dilution plate ('Prob.verd. 1:25') (speed 0).

Dispense 200ul into dilution plate ('RF') (speed 3).

Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

Incubate

Incubate for 15 (+0,-0) minutes at room temperature.

Pipette

BLK

Pipette into wells A1.

Action on error: Raise alarm and stop

Aspirate 60ul from Med.Probenpuffer Bakt..

Dispense 50ul into microplate (speed 3).

Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

NEG Kontrolle

Pipette into wells B1-C1.

Action on error: Raise alarm and stop

Aspirate 110ul from Med-CP_IgM neg.

Dispense 2 x 50ul into microplate (speed 3).

Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

POS Kontrolle

Pipette into wells D1.

Action on error: Raise alarm and stop

Aspirate 60ul from Med-CP_IgM pos.

Dispense 50ul into microplate (speed 3).

Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

Patienten auf MTP

Pipette into wells E1-H12.

Action on error: Raise alarm and stop

Aspirate 55ul from dilution plate ('RF') (speed 2).
Dispense 50ul into microplate (speed 3).
Passive wash: waste: 0.0 seconds, wash: 0.0 seconds, volume: 0ul.

Incubate

Incubate for 60 (+5,-5) minutes at 37.0°C.

Wash

Perform 3 x 200ul wash cycles using Med-Waschpuffer on strips 1-12.
Dispense rate 100.
No aspirate sweep.
Partial plate mode: maintain full plate time.

Perform 2 aspirate cycle(s) on strips 1-12.
No aspirate sweep.
Partial plate mode: maintain full plate time.

Dispense

Add 12x60ul (+50ul oversoak) of Med-IgM Konj into wells A1-H12.

Shake

Shake for 5 seconds.

Incubate

Incubate for 60 (+5,-5) minutes at 37.0°C.

Wash

Perform 3 x 200ul wash cycles using Med-Waschpuffer on strips 1-12.
Dispense rate 100.
No aspirate sweep.
Partial plate mode: maintain full plate time.

Perform 2 aspirate cycle(s) on strips 1-12.
No aspirate sweep.
Partial plate mode: maintain full plate time.

Dispense

Add 16x50ul (+50ul oversoak) of Med-Substrat into wells A1-H12.

Shake

Shake for 5 seconds.

Incubate

Incubate for 30 (+2,-2) minutes at 37.0°C.

Dispense

Add 8x100ul (+50ul oversoak) of Med-Stopplsg into wells A1-H12.

Shake

Shake for 5 seconds.

Read

Reader settings

Shake for 0 seconds.
Using wavelengths: 450nm,620nm.
Average inputs. Use arithmetic mean.
Report results to 3 decimal places.
Auto scientific mode for:large numbers
Header:
Matrix of results :- Output: Data
Footer:

Average blank mode.
Blank calculation on final results only.

Validation criteria

B1<0.1
 NC1<0.1
 PC1>0.8
 Full V.C. report.

Quantitative

Average standard replicates.
 User defined data model: 'Y/(NC1+0.38)'.

Dilutions:

T1 = 1	T2 = 1	T3 = 1	T4 = 1
T5 = 1	T6 = 1	T7 = 1	T8 = 1
T9 = 1	T10 = 1	T11 = 1	T12 = 1
T13 = 1	T14 = 1	T15 = 1	T16 = 1
T17 = 1	T18 = 1	T19 = 1	T20 = 1
T21 = 1	T22 = 1	T23 = 1	T24 = 1
T25 = 1	T26 = 1	T27 = 1	T28 = 1
T29 = 1	T30 = 1	T31 = 1	T32 = 1
T33 = 1	T34 = 1	T35 = 1	T36 = 1
T37 = 1	T38 = 1	T39 = 1	T40 = 1
T41 = 1	T42 = 1	T43 = 1	T44 = 1
T45 = 1	T46 = 1	T47 = 1	T48 = 1
T49 = 1	T50 = 1	T51 = 1	T52 = 1
T53 = 1	T54 = 1	T55 = 1	T56 = 1
T57 = 1	T58 = 1	T59 = 1	T60 = 1
T61 = 1	T62 = 1	T63 = 1	T64 = 1
T65 = 1	T66 = 1	T67 = 1	T68 = 1
T69 = 1	T70 = 1	T71 = 1	T72 = 1
T73 = 1	T74 = 1	T75 = 1	T76 = 1
T77 = 1	T78 = 1	T79 = 1	T80 = 1
T81 = 1	T82 = 1	T83 = 1	T84 = 1
T85 = 1	T86 = 1	T87 = 1	T88 = 1
T89 = 1	T90 = 1	T91 = 1	T92 = 1
NC1 = 1	PC1 = 1		

cutoff = (NC1+0.38)

Average inputs. Use arithmetic mean.
 Report results to 2 decimal places.
 Auto scientific mode for:large numbers

Header:

Footer:

Qualitative Settings

If '(Sample)>1.1' Then Result:='+'

If '(Sample)<0.9' Then Result:='-'

Default result := ?

- + Indicates a positive result
- ? Indicates an equivocal result
- Indicates a negative result

No histogram required
 Average inputs. Use arithmetic mean.
 Report results to 3 decimal places.
 Auto scientific mode for:large numbers

Header:

Footer:

Report Settings

Header:	&I	&D	&Q
Body:		Assay Header Reader Results Validation criteria Combined Report	
Footer:	&V &F	Chlamydia pneumoniae IgM	&S &P

Combined Report
 Table of results :- Patient ID, OD, Cutoff_Index, Bewertung

Table order: S, T, NC, PC, CO

End of protocol