

**REVELATION DSX 5.15**

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Assay type         | : Endpoint                                                  |
| Assay title        | : Chlamydia trachomatis IgA plus Medac                      |
| Password           | :                                                           |
| Written by         | :                                                           |
| Prefix             | :                                                           |
| Suffix             | :                                                           |
| Report layout      | : Header information                                        |
|                    | : Removed outliers                                          |
|                    | : Edited wells                                              |
|                    | : Calculation mode                                          |
|                    | : Blank mode                                                |
|                    | : Q.C. equations                                            |
|                    | : Data matrix                                               |
|                    | : Ratio                                                     |
|                    | : Threshold                                                 |
| Header information | : Filename, Date, Plate ID, Assay title, Page, Q.C. summary |
| Footer             | :                                                           |

**Well fill verification (405 nm, \* )**

ODs of wells A1-H12  
must be greater than 0,020

**Pipette Samples/Standards/Controls**

Plate dispense time is not time critical  
Prepare all deep wells first before transfer to microtiter plate

Pipette 50 ul of m\_Chlam trach IgA NK to wells of type: NC1  
Preparation order: 1  
Fluid aspirate/dispense profile: 1 / 4  
Tip to dispense into microtiter well does not have to be clean  
Fluid into microtiter well must be a single shot dispense

Pipette 50 ul of m\_Chlam trach IgA Kal to wells of type: Cal1  
Preparation order: 2  
Fluid aspirate/dispense profile: 1 / 4  
Tip to dispense into microtiter well does not have to be clean  
Fluid into microtiter well must be a single shot dispense

Pipette 50 ul of m\_Chlam trach IgA PK to wells of type: PC1  
Preparation order: 3  
Fluid aspirate/dispense profile: 1 / 4  
Tip to dispense into microtiter well does not have to be clean  
Fluid into microtiter well must be a single shot dispense

Pipette 50 ul of Sample to wells of type: Test (T)  
Preparation order: always last  
Tip to dispense into microtiter well does not have to be clean  
Fluid into microtiter well can be from a multiple shot dispense  
Pipette diluent first into deep wells  
Share deep well dilutions for replicates on this assay  
Deep well contents can be shared across multiple plates  
Dispense of sample into the deep well can be from a used tip  
Dispense of sample into the deep well must be a single shot dispense  
When mixing in the deep well the tip does not have to be clean  
Mixing in the deep well must occur immediately after the dispense of sample  
Dilute 10 ul of sample with 490 ul of M\_bakt Probenpuffer, using deep well plate, 2 mix cycles  
Dilution volume will be optimised with a minimum sample volume of 10 ul

**Dispense 50 uls of M\_bakt Probenpuffer to wells A1, aspirate profile 1, dispense profile 4****Incubate for 60 minutes at 37,0 C**

Longest Time: 65 minutes  
Shake for 10 seconds at low speed

**Wash plate**

Purge the washer with 3,00 mls of Medac\_Waschpuffer  
Perform a 3 cycle wash with constant timing

For each strip perform the following operations:  
Dispense 200 uls of Medac\_Waschpuffer  
Do final aspirate cycle  
Clean the washer after use with 3,00 mls of Aqua Dest.

Dispense 60 uls of M\_Chlam trach IgA Konj to wells A1-H12, aspirate profile 1, dispense profile 4

Incubate for 60 minutes at 37,0 C

Longest Time: 65 minutes

Wash plate

Purge the washer with 3,00 mls of Medac\_Waschpuffer  
Perform a 3 cycle wash with constant timing  
For each strip perform the following operations:  
Dispense 200 uls of Medac\_Waschpuffer  
Do final aspirate cycle  
Clean the washer after use with 3,00 mls of Aqua Dest.

Dispense 50 uls of Medac\_Substrat to wells A1-H12, aspirate profile 1, dispense profile 4

Incubate for 30 minutes at 37,0 C

Longest Time: 32 minutes

Dispense 100 uls of Medac\_Stopplsg to wells A1-H12, aspirate profile 1, dispense profile 4

Reader

Test wavelength : 450 nm  
Ref. wavelength : 620 nm  
Initial shake : 5 Seconds  
Start mode : Immediate  
Calculation mode : Endpoint  
Results format : OD

|   | 1     | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |
|---|-------|------|------|------|------|------|------|------|------|------|------|------|
| A | B1s   | T4s  | T12s | T20s | T28s | T36s | T44s | T52s | T60s | T68s | T76s | T84s |
| B | NC1s  | T5s  | T13s | T21s | T29s | T37s | T45s | T53s | T61s | T69s | T77s | T85s |
| C | Cal1s | T6s  | T14s | T22s | T30s | T38s | T46s | T54s | T62s | T70s | T78s | T86s |
| D | Cal1s | T7s  | T15s | T23s | T31s | T39s | T47s | T55s | T63s | T71s | T79s | T87s |
| E | PC1s  | T8s  | T16s | T24s | T32s | T40s | T48s | T56s | T64s | T72s | T80s | T88s |
| F | T1s   | T9s  | T17s | T25s | T33s | T41s | T49s | T57s | T65s | T73s | T81s | T89s |
| G | T2s   | T10s | T18s | T26s | T34s | T42s | T50s | T58s | T66s | T74s | T82s | T90s |
| H | T3s   | T11s | T19s | T27s | T35s | T43s | T51s | T59s | T67s | T75s | T83s | T91s |

s indicates that a sample ID is required for this well location

Blank mode : Average  
Q.C. equations : B<0.1  
: NC<0.1  
: Cal>Kalibrator unterer Grenzwert  
Full Q.C. Report : Yes  
Suppress results : No  
Lot specific check : No  
Output format : Matrix  
Matrix options : Calculated data, Sample ID  
Average replicates : No  
Mean : Arithmetic  
Area statistics : No  
Export to file : No

Ratio

Ratio equation :  $b / ( a / ( \text{Sample} * \text{Kalibrator}_{\text{Sollwert}} / \text{Cal} ) - 1 )$   
Result units : AU/ml  
Data conversion :  
Result units :  
Output format : No matrix, no table  
Average replicates : No  
Mean : Arithmetic

Threshold

- equation : 22  
+ equation : 28  
++ equation : 200  
No. of segments : 1  
- label : neg  
0 label : ???  
+ label : POS  
++ label : > Max  
Histogram : No  
Q.C. equations :  $PC_{\text{untere Grenze}} < PC < PC_{\text{obere Grenze}}$   
Full Q.C. Report : Yes  
Suppress results : No  
Lot specific check : No  
Output format : No matrix, no table  
Average replicates : Yes  
Mean : Arithmetic

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