

REVELATION DSX 5.15

Assay type : Endpoint
 Assay title : Mycoplasma pneumoniae IgM Medac
 Password :
 Written by :
 Prefix :
 Suffix :
 Report layout : Header information
 : Lot specific data
 : 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_Myc pneu IgM 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_Myc pneu IgM PK to wells of type: PC1
 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 can be from a multiple 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 20 ul
 Dilute 81 ul of sample with 81 ul of RF_Absorbrenz, using deep well plate, 1 mix cycles

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_Myc pneu IgM 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 m_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 m_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 | T5s | T13s | T21s | T29s | T37s | T45s | T53s | T61s | T69s | T77s | T85s |
| B | NC1s | T6s | T14s | T22s | T30s | T38s | T46s | T54s | T62s | T70s | T78s | T86s |
| C | NC1s | T7s | T15s | T23s | T31s | T39s | T47s | T55s | T63s | T71s | T79s | T87s |
| D | PC1s | T8s | T16s | T24s | T32s | T40s | T48s | T56s | T64s | T72s | T80s | T88s |
| E | T1s | T9s | T17s | T25s | T33s | T41s | T49s | T57s | T65s | T73s | T81s | T89s |
| F | T2s | T10s | T18s | T26s | T34s | T42s | T50s | T58s | T66s | T74s | T82s | T90s |
| G | T3s | T11s | T19s | T27s | T35s | T43s | T51s | T59s | T67s | T75s | T83s | T91s |
| H | T4s | T12s | T20s | T28s | T36s | T44s | T52s | T60s | T68s | T76s | T84s | T92s |

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

Blank mode : Average
 Q.C. equations : B<0.1
 : NC<0.1
 : PC>0.8
 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 : Sample/(NC+0.38)
 Result units :

Data conversion :
Result units :
Output format : No matrix, no table
Average replicates : No
Mean : Arithmetic

Threshold

- equation : 0.9
+ equation : 1.1
No. of segments : 1
- label : neg
0 label : ???
+ label : POS
Histogram : No
Q.C. equations :
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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