

ComASP®

Compact Antimicrobial Susceptibility Panel

for determining MIC through broth microdilution according to ISO 20776-1:2019 standard



Description	CE mark	US FDA	Packaging	Ref.
ComASP® Benzylpenicillin 0.002-32 Compact Antimicrobial Susceptibility Panel containing Benzylpenicillin in 15 two-fold dilutions (0.002-32 µg/mL), that allows for testing up to two samples per panel.	✓ 3		4 panels (8 tests)	75011
ComASP® Cefiderocol 0.008-128 Compact Antimicrobial Susceptibility Panel containing cefiderocol in 15 two-fold dilutions (0.008-128 µg/mL), that allows for testing up to two samples per panel.	✓ 3		4 panels (8 tests)	75009
ComASP® Cefiderocol 0.008-128 Compact Antimicrobial Susceptibility Panel containing cefiderocol in 15 two-fold dilutions (0.008-128 µg/mL), that allows for testing up to two samples per panel.		✓ 1	4 panels (8 tests)	75009U
ComASP® Ceftolozane-tazobactam 0.008/4-128/4 Compact Antimicrobial Susceptibility Panel containing ceftolozane-tazobactam in 15 two-fold dilutions (0.008/4-128/4 µg/mL), that allows for testing up to two samples per panel.	✓ 2		4 panels (8 tests)	75006
ComASP® Colistin 0.25-16 Compact Antimicrobial Susceptibility Panel containing colistin (polymyxin E) in 7 two-fold dilutions (0.25-16 µg/mL), that allows for testing up to four samples per panel.	✓ 2		4 panels (16 tests)	75001
ComASP® Oritavancin 0.001-16 Compact Antimicrobial Susceptibility Panel containing oritavancin in 15 two-fold dilutions (0.001-16 µg/mL), that allows for testing up to two samples per panel.	✓ 2		4 panels (8 tests)	75010
ComASP® Piperacillin-tazobactam 0.008/4-128/4 Compact Antimicrobial Susceptibility Panel containing piperacillin-tazobactam in 15 two-fold dilutions (0.008/4-128/4 µg/mL), that allows for testing up to two samples per panel.	✓ 2		4 panels (8 tests)	75002
ComASP® Vancomycin 0.008-128 Compact Antimicrobial Susceptibility Panel containing vancomycin in 15 two-fold dilutions (0.008-128 µg/mL), that allows for testing up to two samples per panel.	✓ 2		4 panels (8 tests)	75007
ComASP® Colistin / Piperacillin-tazobactam Compact Antimicrobial Susceptibility Panel containing the antibiotics in 15 two-fold dilutions, that allows for testing one sample per panel to colistin (0.008-128 µg/mL) and piperacillin-tazobactam (0.008/4-128/4 µg/mL).	✓ 2		4 panels (4 tests)	75003
ComASP® Ceftolozane-tazobactam / Ceftazidime-avibactam Compact Antimicrobial Susceptibility Panel containing the antibiotics in 15 two-fold dilutions, that allows for testing one sample per panel to ceftolozane-tazobactam (0.008/4-128/4 µg/mL) and ceftazidime-avibactam (0.008/4-128/4 µg/mL).	✓ 2		4 panels (4 tests)	75004
ComASP® Vancomycin / Teicoplanin Compact Antimicrobial Susceptibility Panel containing the antibiotics in 15 two-fold dilutions, that allows for testing one sample per panel to vancomycin (0.008-128 µg/mL) and teicoplanin (0.008-128 µg/mL).	✓ 2		4 panels (4 tests)	75005
Customized versions available 32-well and 40-well panels with a customized set of antibiotic concentrations.				

¹ United States FDA-cleared IVD device.

² IVDR: CE marked according to the Regulation (EU) 2017/746

³ IVDD: CE marked according to the Directive 98/79/EC



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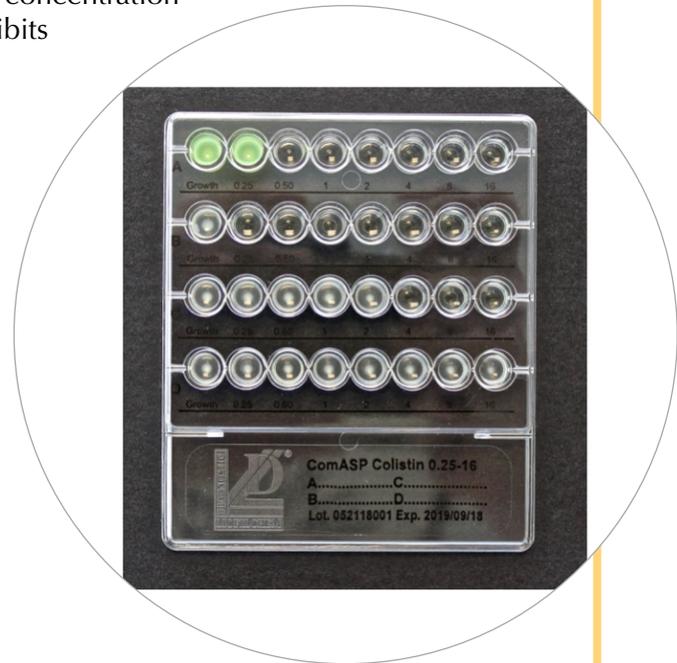


Incubation at $36\pm 2^{\circ}\text{C}$ for 16-20 hours in ambient air.

At the end of the incubation period watch for the growth in the wells and determine the MIC, i.e. the lowest concentration of antibiotic that inhibits visible growth.



Growth appears as turbidity or as a button at the bottom of the well (compare with the amount of growth in the growth-control well).



The result can be read visually or automatically. Reading by the naked eye can be improved by use of bright indirect lighting against a dark background.



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