

# Disinfecting Action of Gaseous Ozone on OXA-48-Producing *Klebsiella pneumoniae* Biofilm In Vitro

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**Table S1.** Antibiotic resistance/sensitivity pattern of the *K. pneumoniae* isolates.

Isolate	Kp strain14	Kp strain 15	Kp strain 16	Kp strain 33	Kp strain 34	KpATCC 700603	KpNCTC 13442
Specimen	Urine	Urine	Urine	Blood	Urine	Urine	Unknown
Antibiotics	Susceptibilities of <i>K. pneumoniae</i> isolates						
AMX	R	R	R	R	R	R	R
AMX-C	R	R	R	R	R	R	R
TZP	R	R	R	R	R	S	R
CEX	R	R	R	R	R	R	R
CXM	R	R	R	R	R	R	R
CRO	R	R	R	R	R	R	S
CAZ	R	R	R	R	R	R	R
CDP	R	R	R	R	R	R	R
CFIX	R	R	R	R	R	R	S
CFMP	R	R	R	R	R	R	S
IMP	R	S	I	R	I	S	S
MEM	R	I	R	R	R	I	R
ETP	R	R	R	R	R	S	R
GEN	R	S	R	R	R	R	S
AMK	S	S	S	R	S	S	S
NRFX	R	R	R	R	R	S	R
CIX	R	R	R	R	R	I	R
SXT	R	R	R	R	R	R	R
TC	R	R	R	S	R	R	R
COL	S	S	S	R	S	S	S
COL							
MIC microdilution µg/mL	0.500	0.250	0.500	64.00	0.250	0.500	0.125

AMX – amoxicilin, AMX-C – amoxicilin clavulanic acid, AMP – ampicilin, TZP – piperacilin tazobactam, CEX – cephalixin, CXM – cefuroxime, CRO – ceftriaxone, CAZ – ceftazidime, CDP – cefpodoxime, CFIX – cefixime, CFMP – cefepime, IMP – imipenem, MEM – meropenem, ETP – ertapenem, GEN – gentamicin, AMK – amikacin, CIX – ciprofloxacin, NRFX – norfloxacin, SXT – sulfamethoxazole trimethoprim, TC – tigecycline, COL – colistin, S – sensitive, I – sensitive with prolonged exposure, R – resistant, MIC – minimal inhibitory concentration

**Table S2.** Biofilm inhibition of all *K. pneumoniae* strains. Results are shown in percentages (%).

<b>Bacteria</b>	<b>%Kp strain 14</b>	<b>%Kp strain 15</b>	<b>%Kp strain 16</b>	<b>%Kp strain 33</b>	<b>%Kp strain 34</b>	<b>%Kp ATCC 700603</b>	<b>%Kp NCTC 13442</b>
<b>CFU/cm<sup>2</sup></b>	97.8	98.88	98.73	98.66	99.09	99.36	99.76
<b>RLU</b>	78.36	79.79	84.76	75.85	76.23	85.93	88.15
<b>A/600nm</b>	40.98	38.72	35.87	48.61	44.11	22.14	34.07