Supplementary Material

The Antibacterial Activity of Human Amniotic Membrane against Multidrug-Resistant Bacteria Associated with Urinary Tract Infections: New Insights from Normal and Cancerous Urothelial Models

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Supplementary Table 1. The analysis of variance (ANOVA) of the antimicrobial effect of f-hAM and c-hAM homogenates for all susceptible strains. The parametric one-way ANOVA with post-hoc Tukey's multiple comparisons test was used when there were more than 20 measurements per condition and the data followed normal distribution (all analyses for reference and clinical strains of MRSA). The non-parametric Kruskal-Wallis test with post-hoc Dunn's multiple comparisons test was used when there were 6-20 measurements per condition and the data followed normal distribution(all analyses for reference and clinical strains of *A. baumannii*, ESBL-producing *E. coli* and ESBL-producing *K. pneumoniae*). p<0.05 values were considered statistically significant.

Analysis of variance (ANOVA)		
Tukey's multiple comparisons test	Adjusted P Value	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (reference strain) + 10 µl of f-hAM homogenate	0.2299	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of f-hAM homogenate	0.9904	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (clinical strain) + 10 µl of f-hAM homogenate	0.0035	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (reference strain) + 5 µl of c-hAM homogenate	0.9881	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (reference strain) + 10 µl of c-hAM homogenate	0.0144	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of c-hAM homogenate	0.9964	
MRSA (reference strain) + 5 µl of f-hAM homogenate vs. MRSA (clinical strain) + 10 µl of c-hAM homogenate	0.0007	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of f-hAM homogenate	0.7549	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 10 µl of f-hAM homogenate	0.8398	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (reference strain) + 5 µl of c-hAM homogenate	0.7732	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (reference strain) + 10 µl of c-hAM homogenate	0.9695	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of c-hAM homogenate	0.6765	
MRSA (reference strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 10 µl of c-hAM homogenate	0.5925	
MRSA (clinical strain) + 5 μ l of f-hAM homogenate vs. MRSA (clinical strain) + 10 μ l of f-hAM homogenate	0.0546	
MRSA (clinical strain) + 5 μ l of f-hAM homogenate vs. MRSA (reference strain) + 5 μ l of c-hAM homogenate	> 0.9999	
MRSA (clinical strain) + 5 μ l of f-hAM homogenate vs. MRSA (reference strain) + 10 μ l of c-hAM homogenate	0.1535	
MRSA (clinical strain) + 5 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of c-hAM homogenate	> 0.9999	
MRSA (clinical strain) + 5 μl of f-hAM homogenate vs. MRSA (clinical strain) + 10 μl of c-hAM homogenate	0.016	
MRSA (clinical strain) + 10 μl of f-hAM homogenate vs. MRSA (reference strain) + 5 μl of c-hAM homogenate	0.0596	
MRSA (clinical strain) + 10 μl of f-hAM homogenate vs. MRSA (reference strain) + 10 μl of c-hAM homogenate	> 0.9999	
MRSA (clinical strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 5 µl of c-hAM homogenate	0.0382	

MRSA (clinical strain) + 10 µl of f-hAM homogenate vs. MRSA (clinical strain) + 10 µl of c-hAM	> 0.9999
homogenate MRSA (reference strain) + 5 μ l of c-hAM homogenate vs. MRSA (reference strain) + 10 μ l of c-	0.1647
hAM homogenate	0.1047
MRSA (reference strain) + 5 μl of c-hAM homogenate vs. MRSA (clinical strain) + 5 μl of c-hAM	> 0.9999
homogenate	
MRSA (reference strain) + 5 µl of c-hAM homogenate vs. MRSA (clinical strain) + 10 µl of c-hAM	0.0177
homogenate	
MRSA (reference strain) + $10~\mu l$ of c-hAM homogenate vs. MRSA (clinical strain) + $5~\mu l$ of c-hAM	0.1142
homogenate	
MRSA (reference strain) + 10 μl of c-hAM homogenate vs. MRSA (clinical strain) + 10 μl of c-	0.9924
hAM homogenate	
MRSA (clinical strain) + 5 μ l of c-hAM homogenate vs. MRSA (clinical strain) + 10 μ l of c-hAM	0.0106
homogenate	4 11 4 1
Dunn's multiple comparisons test	Adjusted P Value
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. A. baumannii (reference strain) +	> 0.9999
10 μl of f-hAM homogenate	
A. $\it baumannii$ (reference strain) + 5 μ l of f-hAM homogenate vs. A. $\it baumannii$ (clinical strain) + 5 μ l	0.0009
of f-hAM homogenate	
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 10	> 0.9999
µl of f-hAM homogenate	
A. <i>baumannii</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical	0.0346
strain) + 5 µl of f-hAM homogenate	. 0.0000
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 10 µl of f-hAM homogenate A. baumannii (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	0.0372
(reference strain) + 5 μl of f-hAM homogenate	0.0372
A. baumannii (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(reference strain) + 10 µl of f-hAM homogenate	2 0.5555
A. baumannii (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	0.0043
(clinical strain) + 5 µl of f-hAM homogenate	0.0018
A. baumannii (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(clinical strain) + 10 μl of f-hAM homogenate	
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. A. baumannii (reference strain) + 5	> 0.9999
μl of c-hAM homogenate	
A. $baumannii$ (reference strain) + 5 μ l of f-hAM homogenate vs. A. $baumannii$ (reference strain) + 10	> 0.9999
μl of c-hAM homogenate	
A. $\it baumannii$ (reference strain) + 5 μl of f-hAM homogenate vs. A. $\it baumannii$ (clinical strain) + 5 μl	0.0002
of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 10	> 0.9999
µl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical	0.01
strain) + 5 µl of c-hAM homogenate	2.2222
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	0.0042
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing K.	0.0043
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	> 0.9999
A. <i>baumannii</i> (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of c-hAM homogenate	/ い.ブブブブ
A. baumannii (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-producing K.	0.0008
A. baumannii (reference strain) + 5 μl of r-nAM homogenate vs. ESBL-producing κ. pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	0.0008
	> 0.9999
A haumannii (reference strain) + 5 ul of f-hAM homogenate vs. FSRI -producing K maumoniae	(0.7777
A. baumannii (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (clinical strain) + 10 µl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of c-hAM homogenate A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 5	< 0.0001

A. <i>baumannii</i> (reference strain) + 10 μl of f-hAM homogenate vs. <i>A. baumannii</i> (clinical strain) + 10 μl of f-hAM homogenate	0.0154
A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical	< 0.0001
strain) + 5 µl of f-hAM homogenate	< 0.0001
A. <i>baumannii</i> (reference strain) + 10 μ l of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 10 μ l of f-hAM homogenate	0.1905
A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	0.0002
(reference strain) + 5 μl of f-hAM homogenate A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	0.4182
(reference strain) + 10 μl of f-hAM homogenate	
A. <i>baumannii</i> (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate	< 0.0001
A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (clinical strain) + 10 μl of f-hAM homogenate	0.0216
A. <i>baumannii</i> (reference strain) + 10 μl of f-hAM homogenate vs. A. <i>baumannii</i> (reference strain) + 5 μl of c-hAM homogenate	0.1496
A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. A. baumannii(reference strain) +	> 0.9999
10 μl of c-hAM homogenate A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 5	< 0.0001
μl of c-hAM homogenate A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 10	0.0654
μl of c-hAM homogenate	
A. <i>baumannii</i> (reference strain) + 10 μ l of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 5 μ l of c-hAM homogenate	< 0.0001
A. <i>baumannii</i> (reference strain) + 10 μ l of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 10 μ l of c-hAM homogenate	0.1663
A. baumannii (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K.	< 0.0001
pneumoniae(reference strain) + 5 µl of c-hAM homogenate A. baumannii (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-producing K.	0.0446
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
A. <i>baumannii</i> (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of c-hAM homogenate	< 0.0001
A. <i>baumannii</i> (reference strain) + 10 μ l of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μ l of c-hAM homogenate	0.0843
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 10 μl	> 0.9999
of f-hAM homogenate A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 5 µl of f-hAM homogenate	~ 0.7777
A. <i>baumannii</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate	0.1503
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(reference strain) + 5 μl of f-hAM homogenate A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i>	> 0.9999
(reference strain) + 10 μl of f-hAM homogenate	
A. <i>baumannii</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate	> 0.9999
A. <i>baumannii</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i>	> 0.9999
(clinical strain) + 10 µl of f-hAM homogenate	
A. <i>baumannii</i> (clinical strain) + 5 μ l of f-hAM homogenate vs. A. <i>baumannii</i> (reference strain) + 5 μ l of c-hAM homogenate	0.1913
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. A. baumannii (reference strain) + 10 μl of c-hAM homogenate	< 0.0001
A. <i>baumannii</i> (clinical strain) + 5 μl of f-hAM homogenate vs. A. <i>baumannii</i> (clinical strain) + 5 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. A. baumannii (clinical strain) + 10 μl	> 0.9999
of c-hAM homogenate	

A. baumannii (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 5 µl of c-hAM homogenate A. baumannii (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing E. coli (clinical strain) + 10 µl of c-hAM homogenate	0.1723
A. baumannii (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae(reference strain) + 5 µl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae(clinical strain) + 5 µl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical strain) + 5 μl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical strain) + 10 μl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (reference strain) + 5 μl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 µl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (clinical strain) + 5 μl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (clinical strain) + 10 μl of f-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. A. baumannii (reference strain) + 5 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. A. baumannii(reference strain) + 10 μl of c-hAM homogenate	0.4734
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. A. baumannii(clinical strain) + 5 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + $10 \mu l$ of f-hAM homogenate vs. A. baumannii (clinical strain) + $10 \mu l$ of c-hAM homogenate	> 0.9999
<i>A. baumannii</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing E. coli (clinical strain) + 10 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae(reference strain) + 5 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae(reference strain) + 10 μl of c-hAM homogenate	> 0.9999
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	0.5569
A. baumannii (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 μl of f-hAM homogenate	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate	> 0.9999
	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 µl of f-hAM homogenate	7 0.5555

ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. A. <i>baumannii</i> (reference strain) + 10 μl of c-hAM homogenate	0.0006
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. A. <i>baumannii</i> (clinical	> 0.9999
strain) + 5 µl of c-hAM homogenate	2 0.5555
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. <i>A. baumannii</i> (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	7 0.7777
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i>	> 0.9999
(clinical strain) + 5 µl of c-hAM homogenate	7 0.7777
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i>	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	2 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
	2 0.9999
pneumoniae(reference strain) + 5 μl of c-hAM homogenate	> 0.9999
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	> 0.0000
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae(clinical strain) + 5 µl of c-hAM homogenate	. 0.0000
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae (clinical strain) + 10 µl of c-hAM homogenate	0.0402
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	0.9682
pneumoniae (reference strain) + 5 μl of f-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae (reference strain) + 10 μl of f-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	0.1636
pneumoniae (clinical strain) + 5 μl of f-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae (clinical strain) + 10 μl of f-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. A. <i>baumannii</i> (reference	> 0.9999
strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. A. <i>baumannii</i> (reference	> 0.9999
strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. A. <i>baumannii</i> (clinical	0.0443
strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. <i>A. baumannii</i> (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i>	> 0.9999
(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i>	> 0.9999
(clinical strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	0.1636
pneumoniae(reference strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	0.0405
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae (clinical strain) + 10 µl of c-hAM homogenate	0.5555
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (reference strain) + 10 µl of f-hAM homogenate	2 0.5555
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate	2 0.7733
	> 0.0000
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate	> 0.0000
ESBL-producing K. pneumoniae (reference strain) + 5 µl of f-hAM homogenate vs. A. baumannii	> 0.9999
(reference strain) + 5 µl of c-hAM homogenate	0.0044
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. A.	0.0044
baumannii(reference strain) + 10 μl of c-hAM homogenate	

ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. A.	> 0.9999
baumannii(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 μl of f-hAM homogenate vs. <i>A. baumannii</i> (clinical strain) + 10 μl of c-hAM homogenate	> 0.9999
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 5 µl of c-hAM homogenate	> 0.9999
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>E. coli</i> (clinical strain) + 10 µl of c-hAM homogenate	2 0.5555
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (reference strain) + 5 µl of c-hAM homogenate	2 0.9999
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (reference strain) + 10 µl of c-hAM homogenate	~ 0.9999
	> 0.0000
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of c-hAM homogenate	> 0.0000
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 μl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of c-hAM homogenate	2 2222
ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate	
ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. A. baumannii	> 0.9999
(reference strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. A.	> 0.9999
baumannii(reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. A.	> 0.9999
baumannii(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. <i>A. baumannii</i>	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 10 μl of f-hAM homogenate vs. ESBL-	> 0.9999
producingK. pneumoniae(reference strain) + 5 μl of c-hAM homogenate	
ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing K. pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing K. pneumoniae (reference strain) + 10 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
<i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate vs. A. baumannii	0.1929
(reference strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate vs. A.	0.0004
baumannii(reference strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. A.	> 0.9999
baumannii(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. <i>A. baumannii</i>	0.7758
(clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing	> 0.9999
E. coli (clinical strain) + 5 μl of c-hAM homogenate	3.5555
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing	0.1795
E. coli (clinical strain) + 10 µl of c-hAM homogenate	0.17,53
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (crinical strain) + 5 µl of r-hAM homogenate	- 0.7777
producing to preumonus (reference strain) + 0 pr of c-nain homogenate	1

ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae(reference strain) + 10 µl of c-hAM homogenate	> 0.0000
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of f-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of c-hAM homogenate	> 0.9999
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 µl of f-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae (clinical strain) + 10 µl of c-hAM homogenate	0.5555
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 µl of f-hAM homogenate vs. A. baumannii	> 0.9999
(reference strain) + 5 µl of c-hAM homogenate	0.3333
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 µl of f-hAM homogenate vs. A.	0.2861
baumannii(reference strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 µl of f-hAM homogenate vs. A.	> 0.9999
baumannii(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 µl of f-hAM homogenate vs. <i>A. baumannii</i>	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
E. coli (clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
E. coli (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-	> 0.9999
producing <i>K. pneumoniae</i> (reference strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
<i>K. pneumoniae</i> (reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae(clinical strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of f-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of c-hAM homogenate vs. A. baumannii(reference strain) +	> 0.9999
10 μl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of c-hAM homogenate vs. A. baumannii(clinical strain) + 5 μl	0.0575
of c-hAM homogenate	
A. baumannii (reference strain) + 5 µl of c-hAM homogenate vs. A. baumannii (clinical strain) + 10	> 0.9999
μl of c-hAM homogenate	
A. baumannii (reference strain) + 5 µl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 5 µl of c-hAM homogenate	
A. baumannii (reference strain) + 5 µl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	
A. baumannii (reference strain) + 5 µl of c-hAM homogenate vs. ESBL-producingK.	0.1929
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	
A. baumannii (reference strain) + 5 µl of c-hAM homogenate vs. ESBL-producing K.	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of c-hAM homogenate vs. ESBL-producing K.	0.0485
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
A. baumannii (reference strain) + 5 μl of c-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. A. baumannii(clinical strain) + 5	< 0.0001
μl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. A. baumannii (clinical strain) + 10	> 0.9999
μl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	0.0001
strain) + 5 µl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K.	0.0004
pneumoniae(reference strain) + 5 μl of c-hAM homogenate	
A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K.	0.5348
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	0.5546

A. baumannii(reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K.	< 0.0001
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	0.0246
A. <i>baumannii</i> (reference strain) + 10 μl of c-hAM homogenate vs. ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 10 μl of c-hAM homogenate	0.9246
A. baumannii(clinical strain) + 5 μl of c-hAM homogenate vs. A. baumannii (clinical strain) + 10 μl	0.6219
of c-hAM homogenate	
A. baumannii(clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 5 µl of c-hAM homogenate	0.0540
A. <i>baumannii</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate	0.0513
A. baumannii(clinical strain) + 5 µl of c-hAM homogenate vs. ESBL-producingK.	> 0.9999
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	2 0.5555
A. baumannii(clinical strain) + 5 µl of c-hAM homogenate vs. ESBL-producing K.	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	2 0.5555
A. baumannii(clinical strain) + 5 µl of c-hAM homogenate vs. ESBL-producing K.	> 0.9999
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	0.5555
A. baumannii(clinical strain) + 5 µl of c-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(clinical strain) + 10 µl of c-hAM homogenate	0.5555
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 5 µl of c-hAM homogenate	0.5555
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing E. coli (clinical	> 0.9999
strain) + 10 µl of c-hAM homogenate	0.5555
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producingK.	0.7758
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K.	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K.	0.2348
pneumoniae(clinical strain) + 5 µl of c-hAM homogenate	
A. baumannii (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing K. pneumoniae	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>E. coli</i>	> 0.9999
(clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae (clinical strain) + 10 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing <i>K.</i>	0.1795
pneumoniae(reference strain) + 5 µl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing <i>K.</i>	> 0.9999
pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing <i>K.</i>	0.0449
pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing <i>E. coli</i> (clinical strain) + 10 μl of c-hAM homogenate vs. ESBL-producing <i>K</i> .	> 0.9999
pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 μl of c-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae(reference strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (reference strain) + 5 μl of c-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	
ESBL-producing K. pneumoniae (reference strain) + 5 µl of c-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing K. pneumoniae(reference strain) + 10 µl of c-hAM homogenate vs. ESBL-	> 0.9999
producing K. pneumoniae(clinical strain) + 5 μl of c-hAM homogenate	

ESBL-producing K. pneumoniae(reference strain) + 10 µl of c-hAM homogenate vs. ESBL-	> 0.9999
producing K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	
ESBL-producing <i>K. pneumoniae</i> (clinical strain) + 5 μl of c-hAM homogenate vs. ESBL-producing	> 0.9999
K. pneumoniae (clinical strain) + 10 μl of c-hAM homogenate	