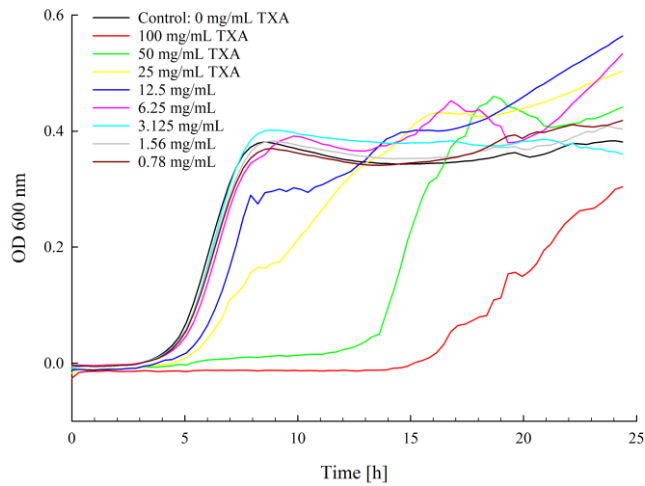


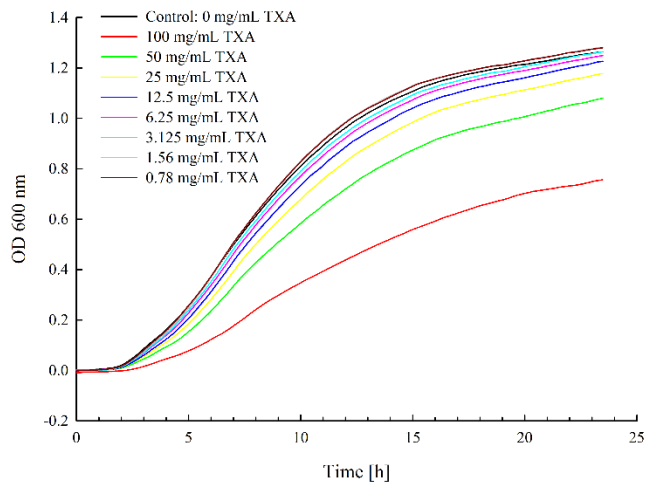
## Supplementary Materials

### *Staphylococcus aureus* ATCC 25923



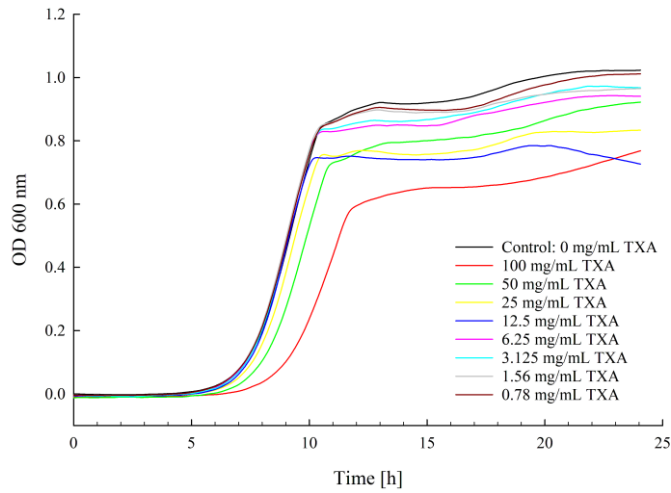
**Figure S1.** Growth curves of *S. aureus* ATCC 25923 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

### *Staphylococcus aureus* ATCC 29213



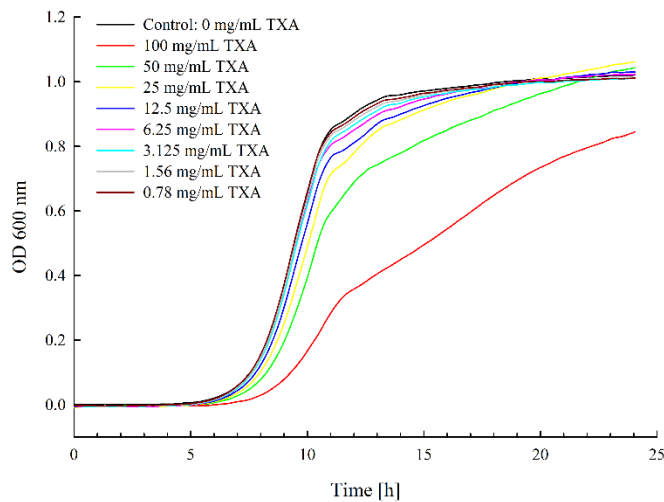
**Figure S2.** Growth curves of *S. aureus* ATCC 29213 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus aureus* ATCC 700698



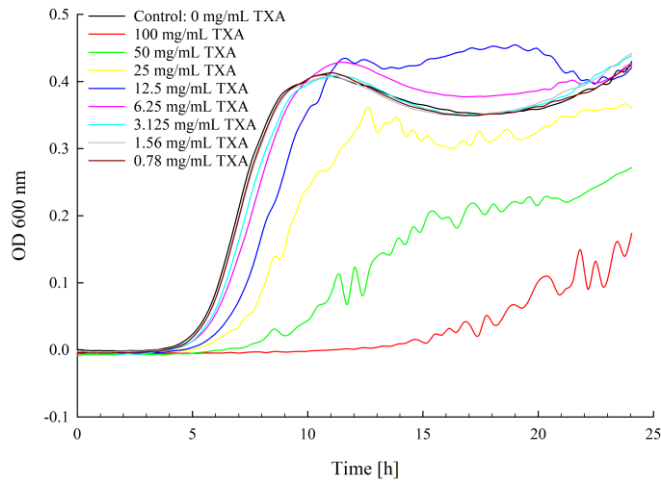
**Figure S3.** Growth curves of *S. aureus* ATCC 700698 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus aureus* ATCC 700699



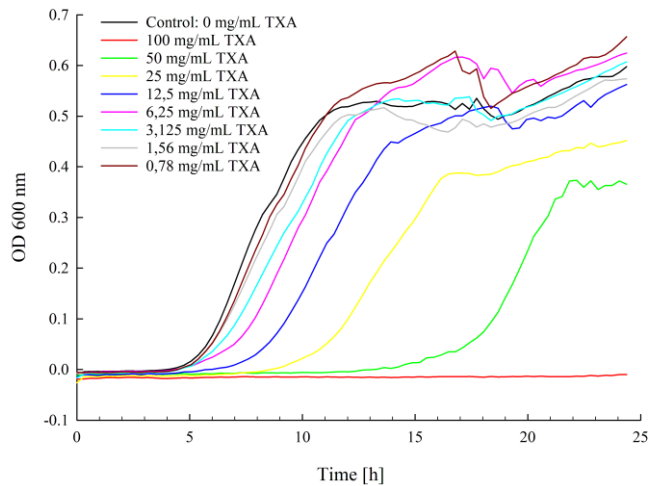
**Figure S4.** Growth curves of *S. aureus* ATCC 700699 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus aureus* OBV 17/104



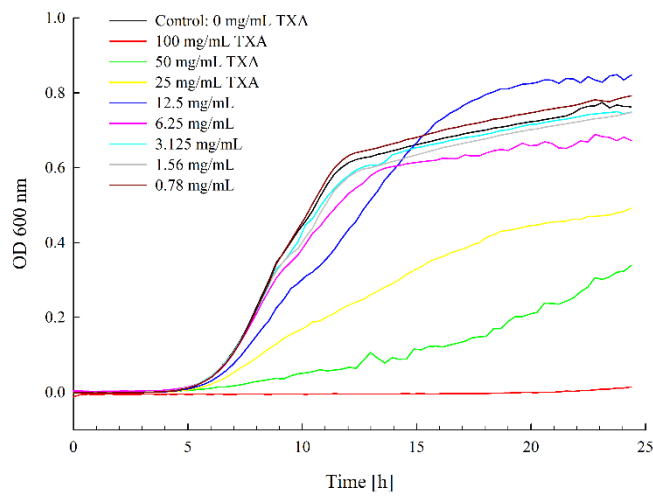
**Figure S5.** Growth curves of *S. aureus* OBV 17/104 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus aureus* ATCC 43300



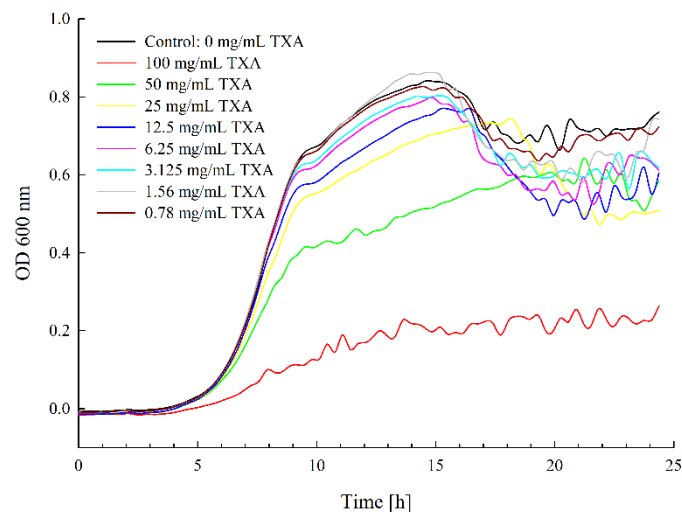
**Figure S6.** Growth curves of *S. aureus* ATCC 43300 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* DSM 28319



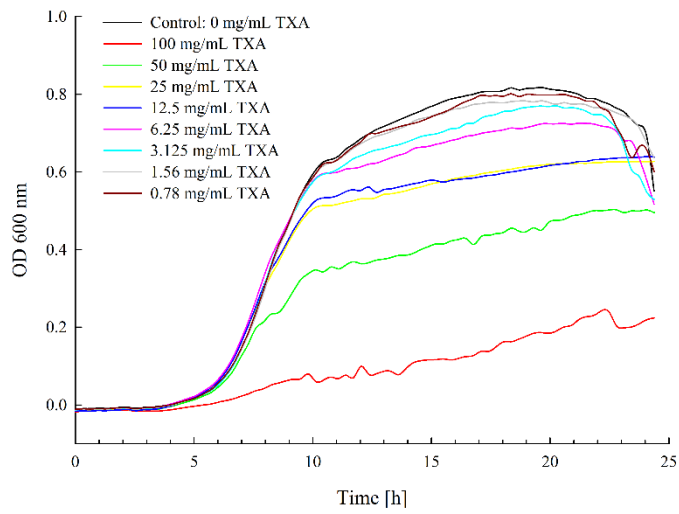
**Figure S7.** Growth curves of *S. epidermidis* DSM 28319 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* DSM 3269



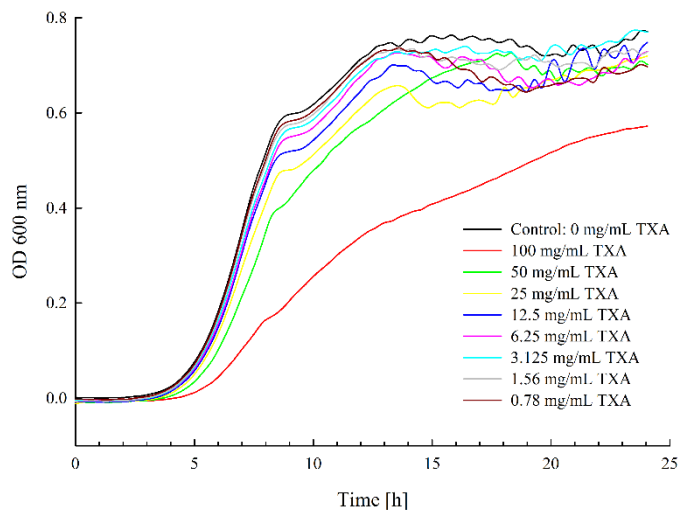
**Figure S8.** Growth curves of *S. epidermidis* DSM 3269 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* ATCC 12228



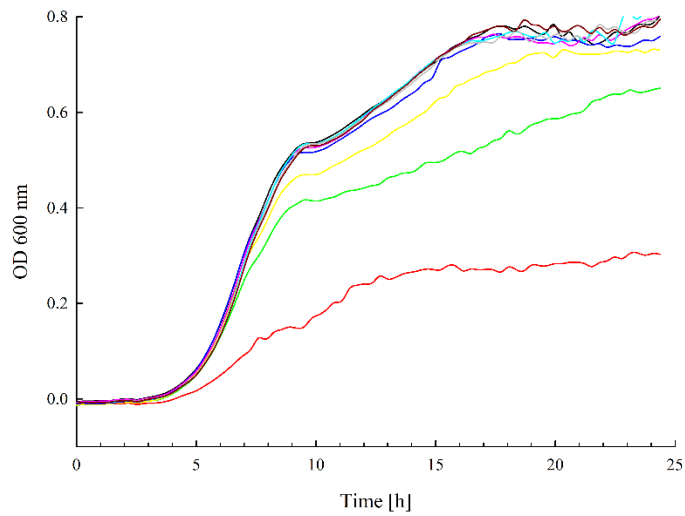
**Figure S9.** Growth curves of *S. epidermidis* ATCC 12228 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* OBV 14/175-2



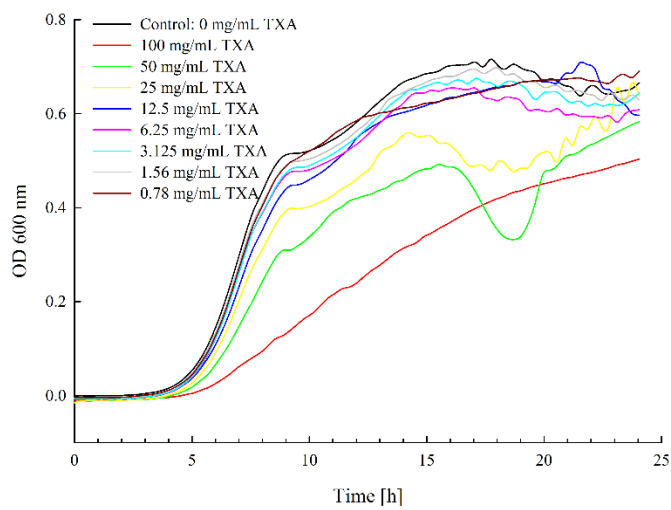
**Figure S10.** Growth curves of *S. epidermidis* OBV 14/175-2 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* OBV 14/175-3



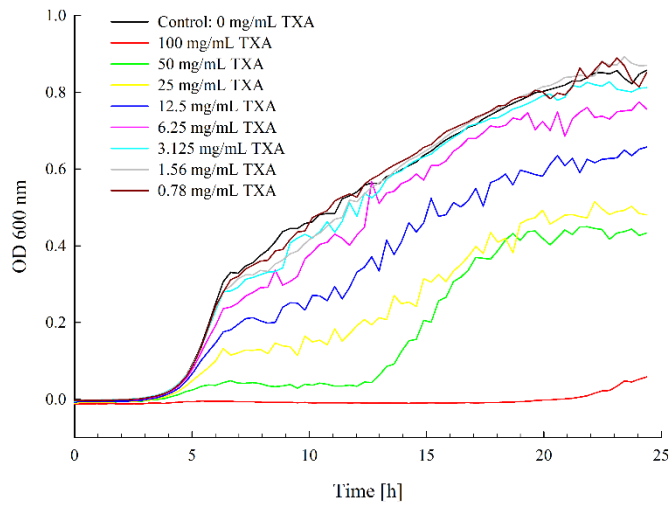
**Figure S11.** Growth curves of *S. epidermidis* OBV 14/175-3 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus epidermidis* OBV 12/122



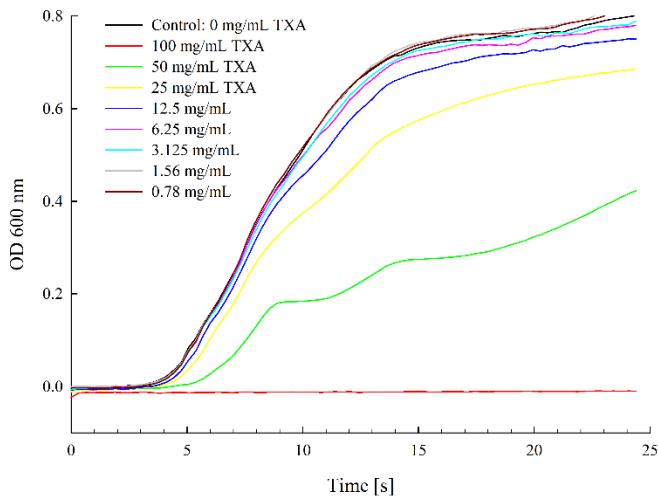
**Figure S12.** Growth curves of *S. epidermidis* OBV 12/122 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Staphylococcus lugdunensis* OBV 20/143



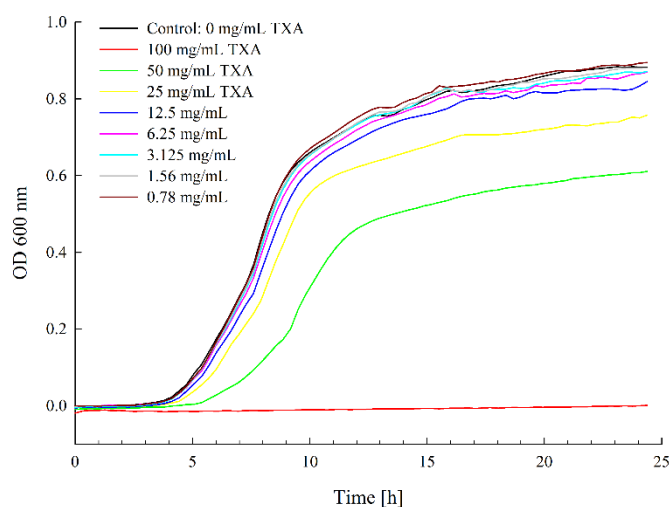
**Figure S13.** Growth curves of *S. lugdunensis* OBV 20/143 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Pseudomonas aeruginosa* DSM 21385



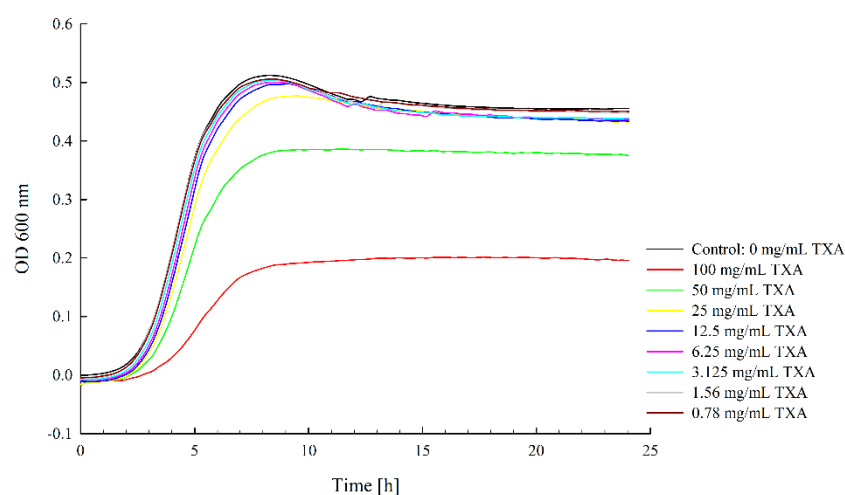
**Figure S14.** Growth curves of *P. aeruginosa* DSM 21385 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Pseudomonas aeruginosa* OBV 19/662



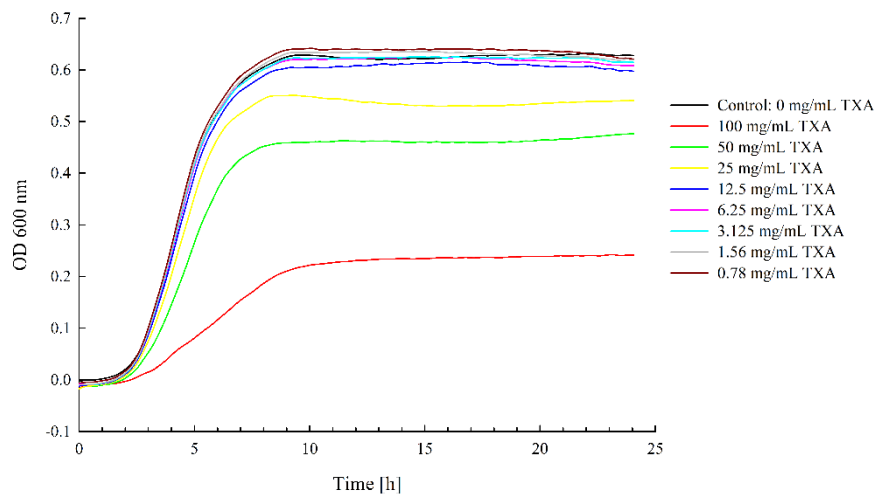
**Figure S15.** Growth curves of *P.aeruginosa* OBV 19/662 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Enterococcus faecalis* ATCC 29212



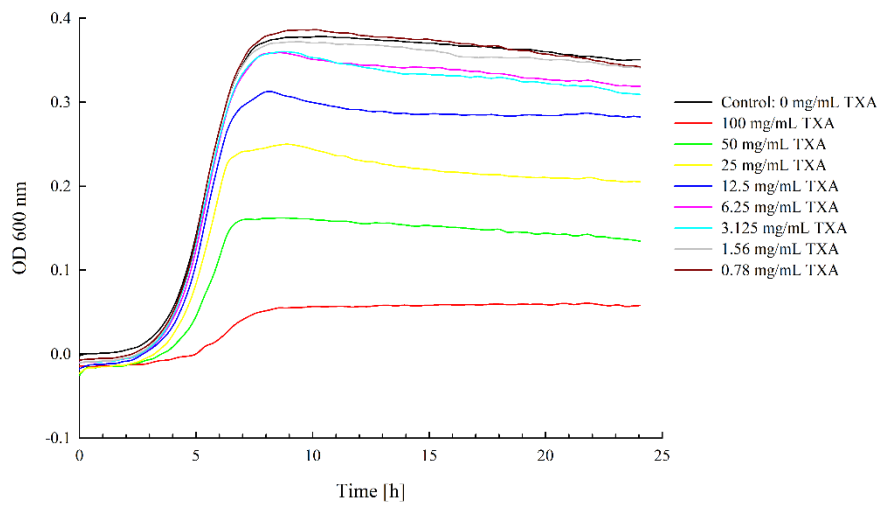
**Figure S16.** Growth curves of *E. faecalis* ATCC 29212 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Enterococcus faecalis* OBV 11/850



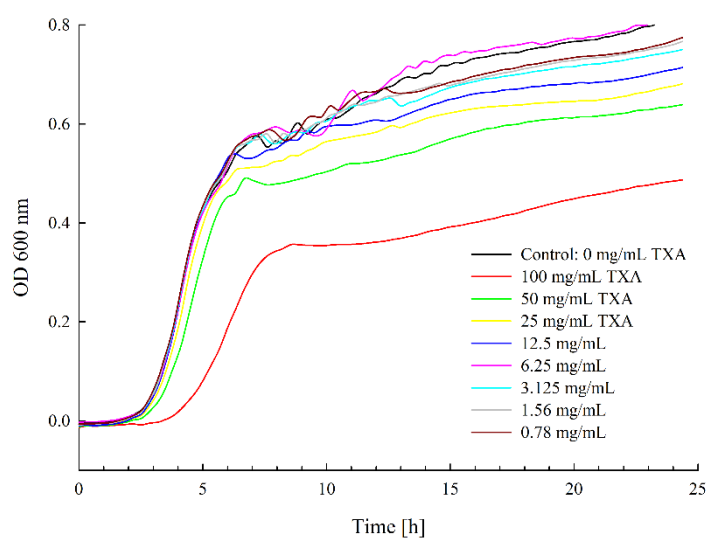
**Figure S17.** Growth curves of *E. faecalis* OBV 11/850 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Enterococcus faecium* OBV 11/549-b



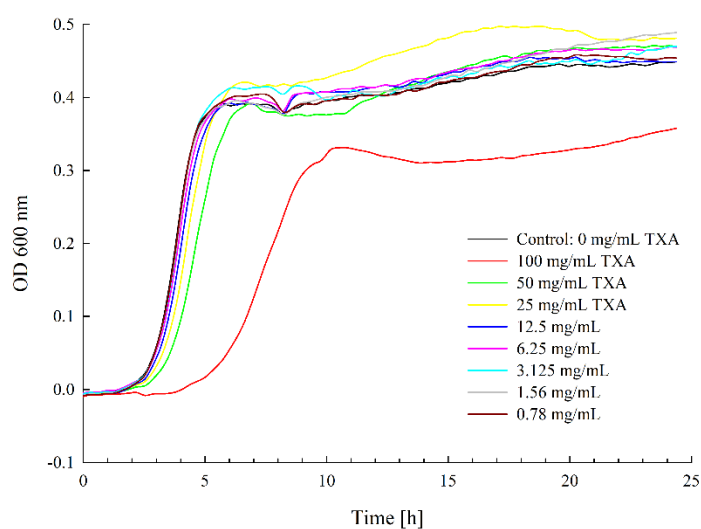
**Figure S18.** Growth curves of *E. faecium* ATCC 11/549-b exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Escherichia coli* ATCC 25922



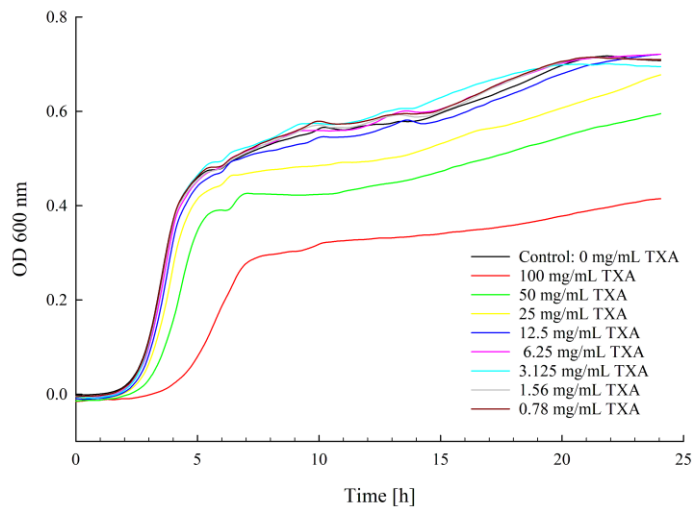
**Figure S19.** Growth curves of *E. coli* ATCC 25922 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Escherichia coli* DSM 613



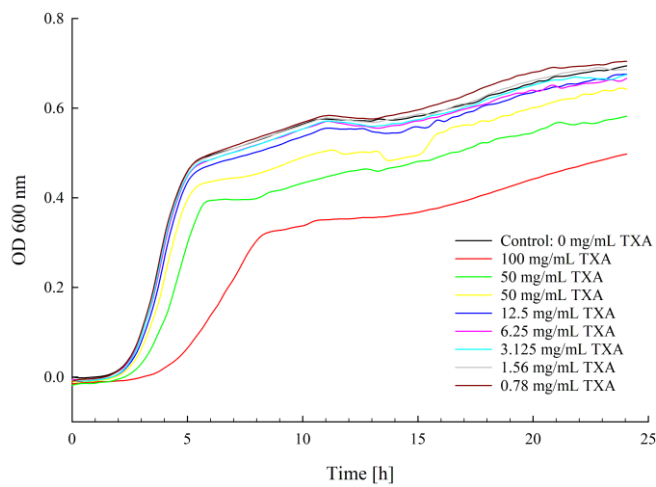
**Figure S20.** Growth curves of *E. coli* DSM 613 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Escherichia coli* OBV 14/112



**Figure S21.** Growth curves of *E. coli* OBV 14/112 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

*Escherichia coli* OBV 12/344



**Figure S22.** Growth curves of *E. coli* OBV 12/344 exposed to different (0.78 - 100 mg/mL) TXA concentrations for 24 h. Positive growth control: bacterial suspensions without TXA. Presented data were normalized to blank controls. Shown data represents the mean of three measurements; SDs were all less than 5%.

**Table S1.** The maximum specific growth rate ( $\mu$ ) and lag time ( $\lambda$ ) of bacterial strains at different TXA concentrations.

	0		100		50		25		12.5		6.25		3.125		1,56		0,78	
	[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]		[mg/mL]	
	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]	$\mu$ [h <sup>-1</sup> ]	$\lambda$ [h]
<i>S. aureus</i> ATCC 25923	0.169	4.781	0.043	16.203	0.133	13.274	0.047	5.257	0.044	3.667	0.114	4.698	0.175	4.946	0.158	4.885	0.144	4.824
<i>S. aureus</i> ATCC 29213	0.118	2.88	0.055	3.945	0.088	3.37	0.102	3.264	0.110	3.182	0.114	3.057	0.117	3.011	0.124	3.031	0.122	2.962
<i>S. aureus</i> ATCC 43300	0.118	5.572	0.000	-	0.089	17.216	0.072	10.590	0.090	8.259	0.105	7.042	0.098	6.295	0.109	5.867	0.112	5.837
<i>S. aureus</i> ATCC 700698	0.273	7.233	0.185	8.569	0.236	7.717	0.285	7.511	0.325	7.419	0.294	7.246	0.288	7.251	0.301	7.247	0.282	7.203
<i>S. aureus</i> ATCC 700699	0.273	7.527	0.072	7.743	0.146	7.396	0.193	7.520	0.213	7.442	0.236	7.394	0.253	7.527	0.262	7.519	0.268	7.488
<i>S. aureus</i> OBV 17/104	0.160	5.534	0.018	15.540	0.028	8.262	0.084	6.940	0.119	6.529	0.143	5.961	0.148	5.798	0.154	5.614	0.160	5.637
<i>S. epidermidis</i> DSM 28319	0.114	5.973	0.000	-	0.037	15.697	0.038	5.928	0.086	6.613	0.098	5.925	0.105	5.906	0.101	5.862	0.120	6.105
<i>S. epidermidis</i> DSM 3269	0.228	6.008	0.031	5.477	0.084	4.933	0.178	5.891	0.209	5.962	0.230	5.971	0.233	5.988	0.243	6.028	0.229	6.005
<i>S. epidermidis</i> ATCC 12228	0.159	6.047	0.014	6.655	0.062	4.874	0.120	5.522	0.135	5.687	0.149	5.736	0.156	5.981	0.157	6.026	0.160	6.025
<i>S. epidermidis</i> OBV 14/175-2	0.156	4.720	0.046	4.904	0.102	4.935	0.118	4.729	0.132	4.750	0.150	4.903	0.141	4.726	0.157	4.823	0.171	4.914
<i>S. epidermidis</i> OBV 14/175-3	0.098	4.148	0.037	4.752	0.064	3.636	0.078	3.892	0.094	4.094	0.097	4.218	0.099	4.336	0.097	4.324	0.097	4.350
<i>S. epidermidis</i> OBV 12/122	0.119	4.610	0.040	5.899	0.079	5.120	0.091	4.846	0.096	4.687	0.115	4.815	0.113	4.777	0.113	4.665	0.117	4.738

<i>S. lugdunensis</i> OBV 20/143	0.064	2.929	0.022	21.527	0.084	12.426	0.031	5.077	0.043	3.828	0.059	3.612	0.062	3.258	0.062	3.218	0.066	3.196
<i>P. aeruginosa</i> DSM 21385	0.100	4.519	0.000	-	0.028	4.310	0.069	4.539	0.089	4.630	0.097	4.532	0.099	4.640	0.101	4.572	0.102	4.593
<i>P. aeruginosa</i> OBV 19/662	0.131	4.656	0.000	-	0.090	6.641	0.121	5.376	0.127	5.050	0.131	4.854	0.136	4.866	0.135	4.816	0.139	4.813
<i>E. faecalis</i> ATCC 29212	0.198	2.828	0.055	3.570	0.125	3.179	0.168	3.152	0.194	3.153	0.201	3.091	0.202	2.983	0.197	2.816	0.197	2.854
<i>E. faecalis</i> OBV 11/850	0.175	2.519	0.042	3.101	0.133	2.886	0.175	2.788	0.174	2.624	0.179	2.596	0.178	2.571	0.181	2.576	0.183	2.547
<i>E. faecium</i> OBV 11/549-b	0.142	3.886	0.024	5.193	0.093	4.516	0.139	4.320	0.151	4.193	0.155	4.109	0.154	4.040	0.150	3.980	0.151	3.989
<i>E. coli</i> ATCC 25922	0.109	1.847	0.078	3.693	0.127	2.703	0.141	2.548	0.152	2.488	0.112	1.915	0.140	2.320	0.134	2.236	0.138	2.257
<i>E. coli</i> DSM 613	0.202	2.757	0.104	5.682	0.131	3.113	0.158	2.952	0.175	2.859	0.175	2.731	0.216	2.854	0.175	2.670	0.206	2.800
<i>E. coli</i> OBV 14/112	0.113	1.479	0.079	3.795	0.110	2.421	0.123	2.074	0.114	1.723	0.113	1.582	0.129	1.750	0.114	1.537	0.123	1.579
<i>E. coli</i> OBV 12/344	0.141	2.013	0.058	3.517	0.089	2.251	0.108	2.017	0.133	2.141	0.144	2.135	0.141	2.097	0.114	1.537	0.131	1.906