

24h-BF chip preparation

BF chip exposure with compounds (24 h)

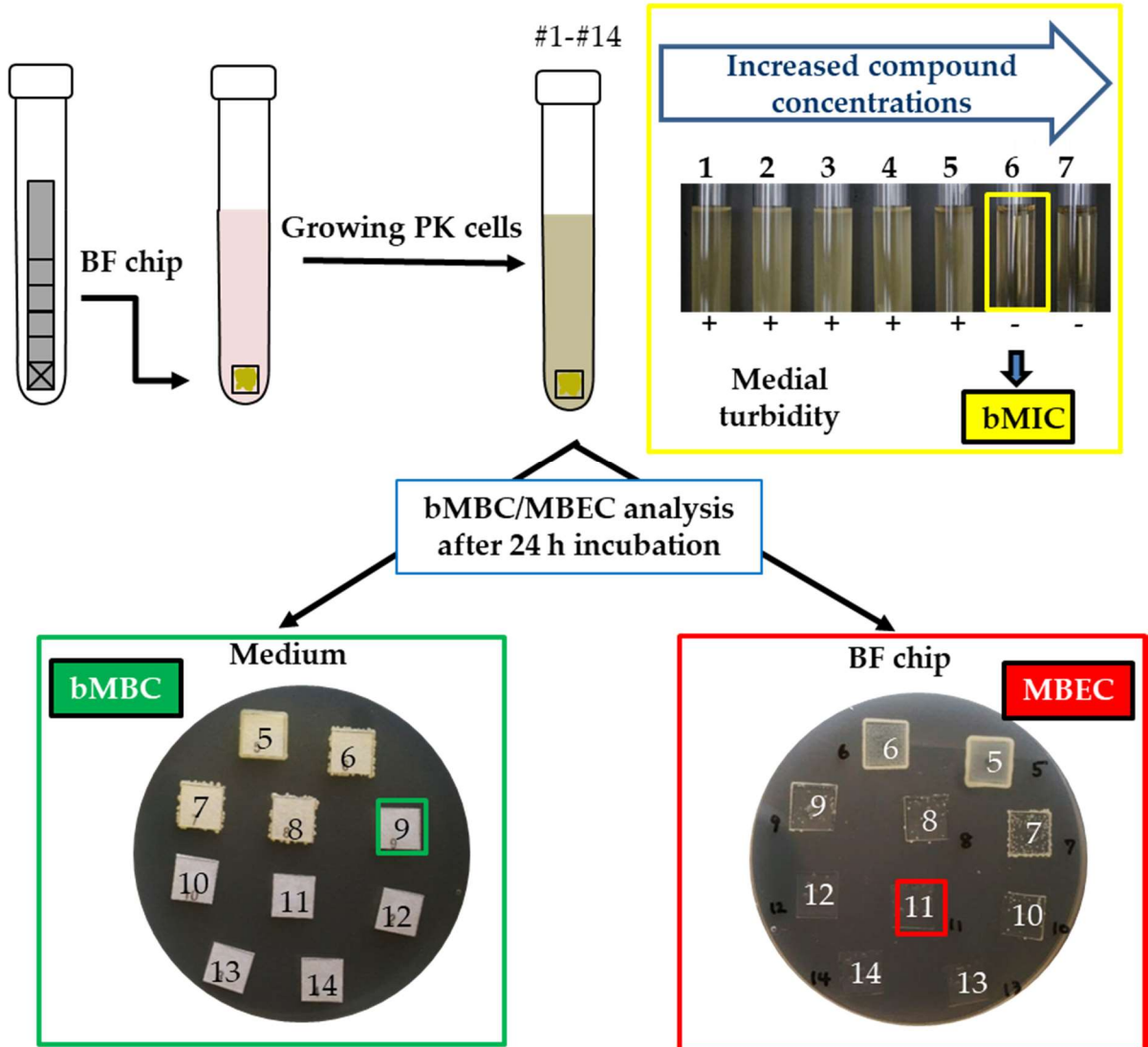


Figure S1. Summarized procedure of the BF chip method to determine bMIC, bMBC, and MBEC.

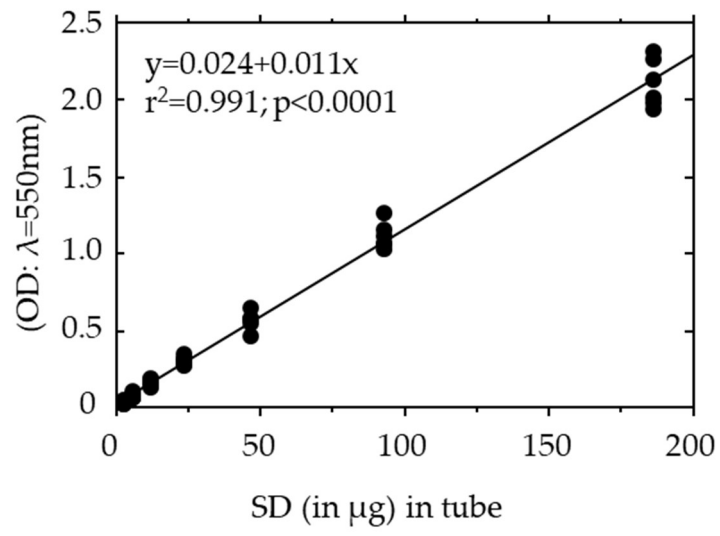
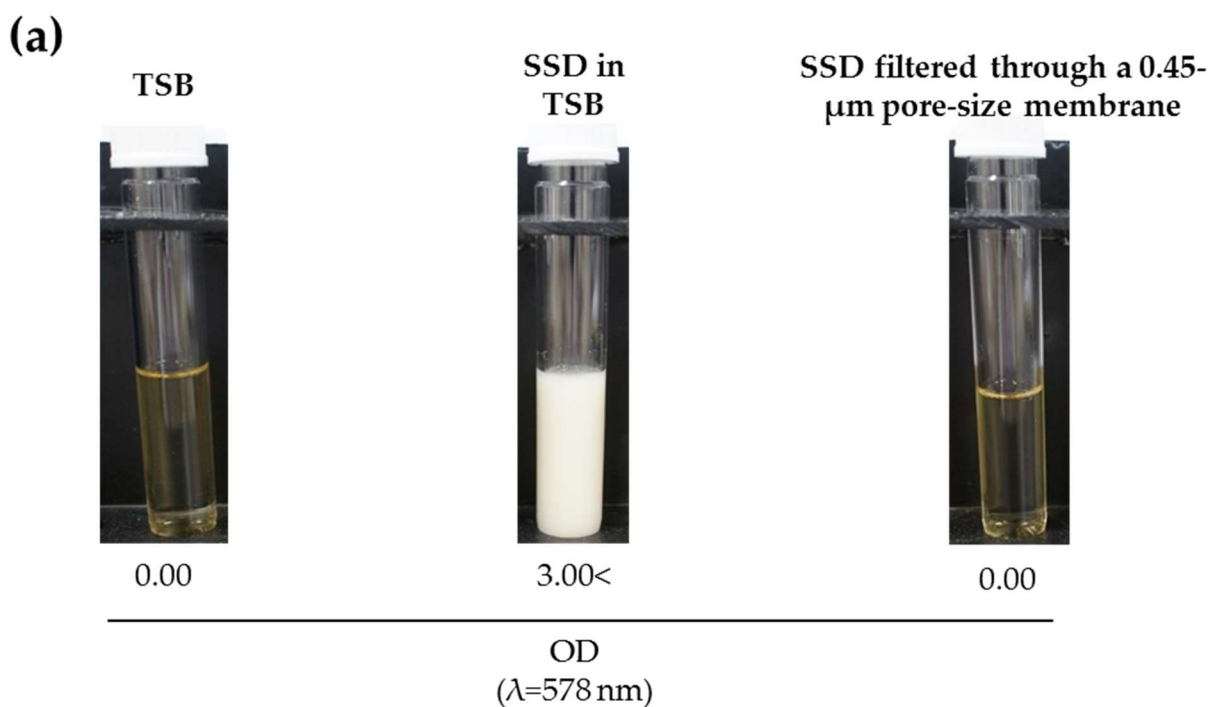
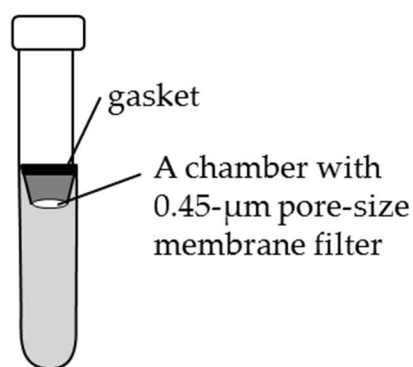


Figure S2. Standard curve of SD.



(b)

Group	Silver concentration (μM)							
	0	175	350	700	1400	2800	5600	11200
AgNO ₃	0	0.96 \pm 0.14	3.02 \pm 0.36	5.91 \pm 0.28	7.14 \pm 0.28	7.69 \pm 0.28	10.03 \pm 0.60	18.13 \pm 0.48
SSD (direct)	0	0.93 \pm 0.20	2.27 \pm 0.27	4.64 \pm 0.31	5.77 \pm 0.17	5.25 \pm 0.31	6.10 \pm 0.20	6.08 \pm 0.39
SSD (chambered)	0	0.73 \pm 0.11	1.41 \pm 0.32	1.83 \pm 0.57	2.95 \pm 0.56	5.23 \pm 0.69	5.56 \pm 0.64	6.12 \pm 0.33



SSD (chambered)

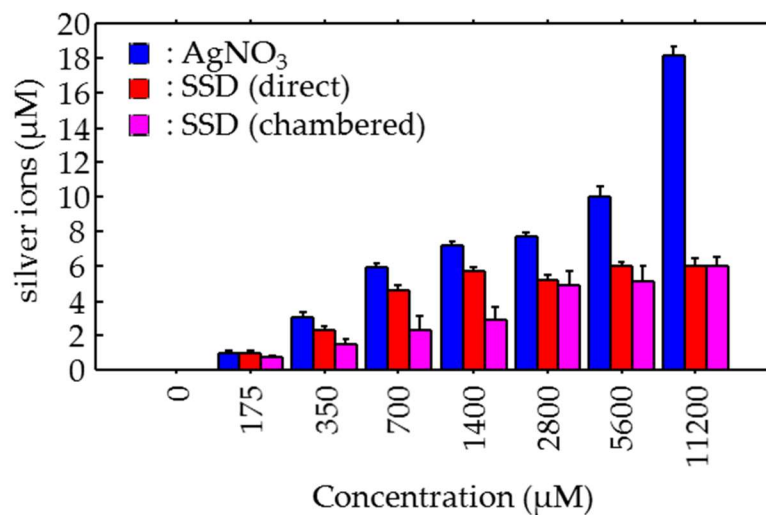


Figure S3. Filtered SSD and ionized silver concentration. (a): The cloudy solution of SSD solution became clear after filtration with a 0.45 μm -pore membrane. (b): Ionized silver concentrations in TSB after 24 h incubation at 37°C with AgNO₃, directly added SSD, and chambered SSD. Data are presented as mean \pm SE, N size = 3; number of experimental replicates = 2.