

Table 3. Antibacterial activity of LF11 derivatives assessed by a conventional microbroth assay and by the Bioscreen system

PEPTIDE	<i>E. coli</i> ATCC25922			<i>P. aeruginosa</i> 4158 – 02			<i>B. bronchiseptica</i> 11844-99		
	MIC ¹	MIC-B ²	MBC ³	MIC	MIC-B	MBC	MIC	MIC-B	MBC
LF11	256	>256	>256	>256	>256	>256	256	256	256
P 4	64	64	64	> 256	>256	> 256	64	256	64
P 11	32	64	32	256	256	256	32	32	32
P 21	128	128	128	> 256	>256	> 256	32	nt	128
P 28	> 256	>256	> 256	> 256	>256	> 256	128	4	128
P 40	64	128	64	> 256	>256	> 256	16	32	16
P 44	128	128	128	> 256	>256	> 256	16	32	16
P 49	64	64	64	256	>256	>256	32	64	> 256
P 50	32	256	32	> 256	>256	> 256	16	16	16
P 55	128	256	128	> 256	>256	> 256	128	128	128
PMB	1	1	1	1	1	1	≤ 0.5	≤ 0.5	≤ 0.5

¹ MIC: minimum inhibitory concentration in µg/mL determined by a conventional microbroth-based assay in non-cation adjusted Mueller Hinton medium

² MIC-B: minimum inhibitory concentration in µg/mL determined by the automated Bioscreen system in non-cation adjusted Mueller Hinton medium

³ MBC: minimum bactericidal concentration in µg/mL determined by plating aliquots of non-cloudy wells from the conventional microbroth-based MIC assay