

Supplementary Materials: Evaluation of the Synthetic Multifunctional Peptide Hp-MAP3 Derivative of Temporin-PTa

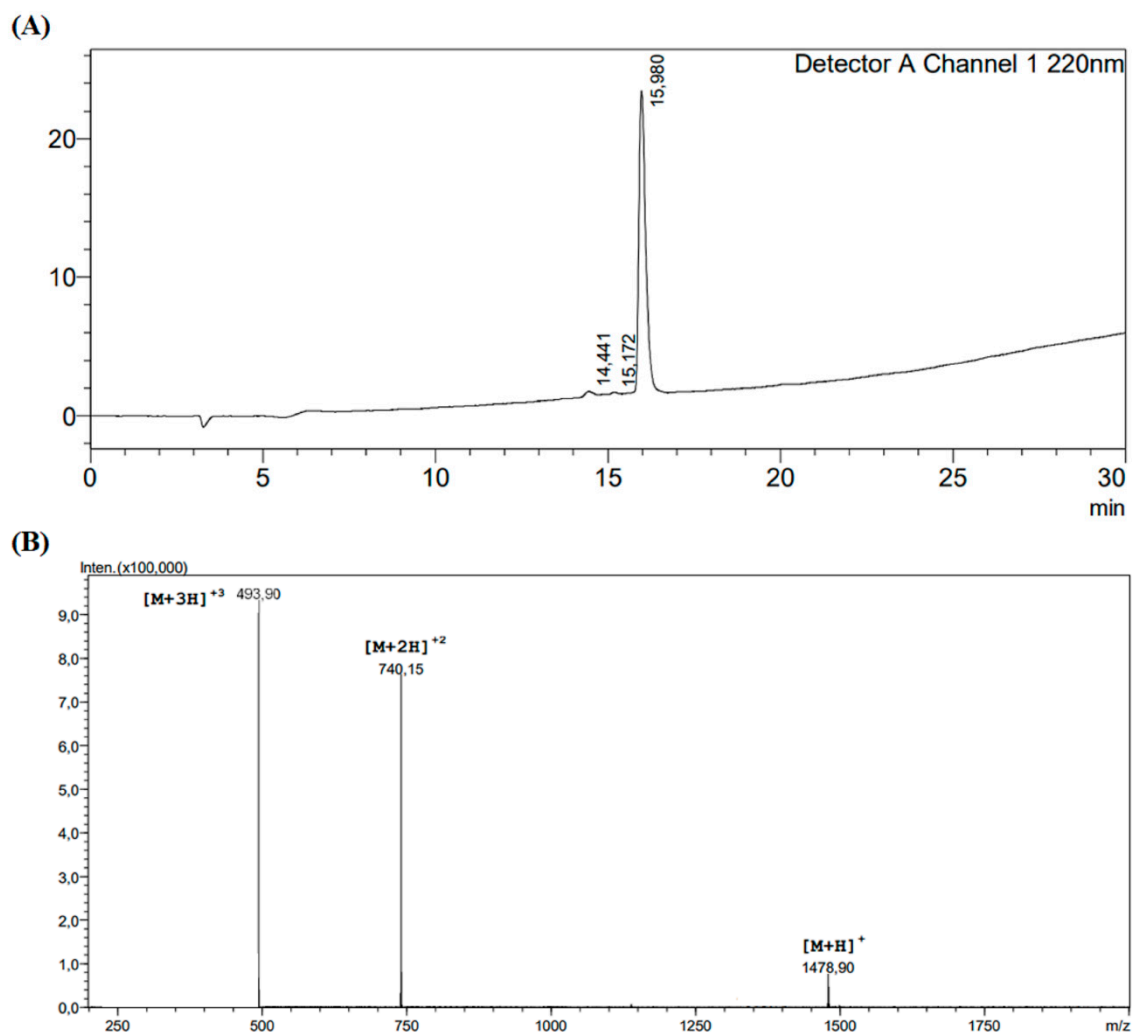


Figura S1: Purification and confirmation of the molecular mass of the Hp-MAP3 peptide. **(A)** Profile Purification by reversed phase high performance liquid chromatography (RP-HPLC) to >95% purity. **(B)** Electrospray ionization mass spectrometry (ESI-MS) The profile represents monoisotopic masses $[M+H]^+$ of 1.478 Da respectively.

Table S1: Antibigram assay against certain bacteria. (+) resistant at the concentrations tested.

Microorganism	Amoxicillin	Imipenem	Erythromycin	Ampicillin
Gram-negative	>350.3 (μM)	>427.6 (μM)	>174.4 (μM)	>366.3 (μM)
<i>Acinetobacter baumannii</i> (clinical isolated)	+	+	+	+
<i>Escherichia coli</i> (clinical isolated)	+	+	+	+
<i>Escherichia coli</i> (KPC)	+	+	+	+
<i>Klebsiella pneumoniae</i> (ATCC)	+	+	+	+
<i>Klebsiella pneumoniae</i> (KPC)	+	+	+	+
<i>Pseudomonas aeruginosa</i> (ATCC)	+	+	+	+
Gram-positive				
<i>Staphylococcus aureus</i> (clinical isolated)	+	+	+	+