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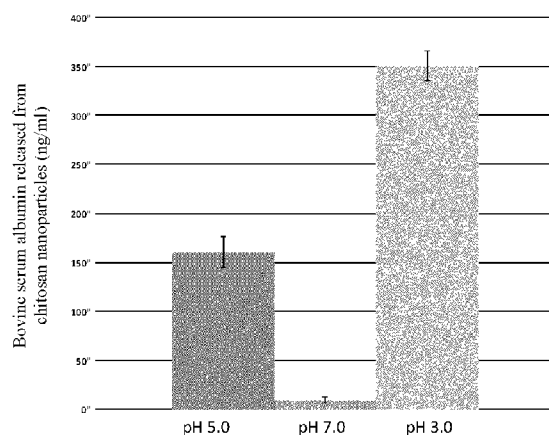
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FIGURE 2



(57) Abstract: A novel statherin-based fusion peptide is provided. The fusion peptide comprises the statherin peptide, DSSEKFLR, or a functionally equivalent variant thereof, fused to an acquired enamel pellicle protein or peptide. The statherin-based fusion peptide is useful to treat dental demineralization. Also provided is hydrogel-encapsulated enamel-protective protein or peptides such as statherin, a statherin-based fusion peptide or a histatin.

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