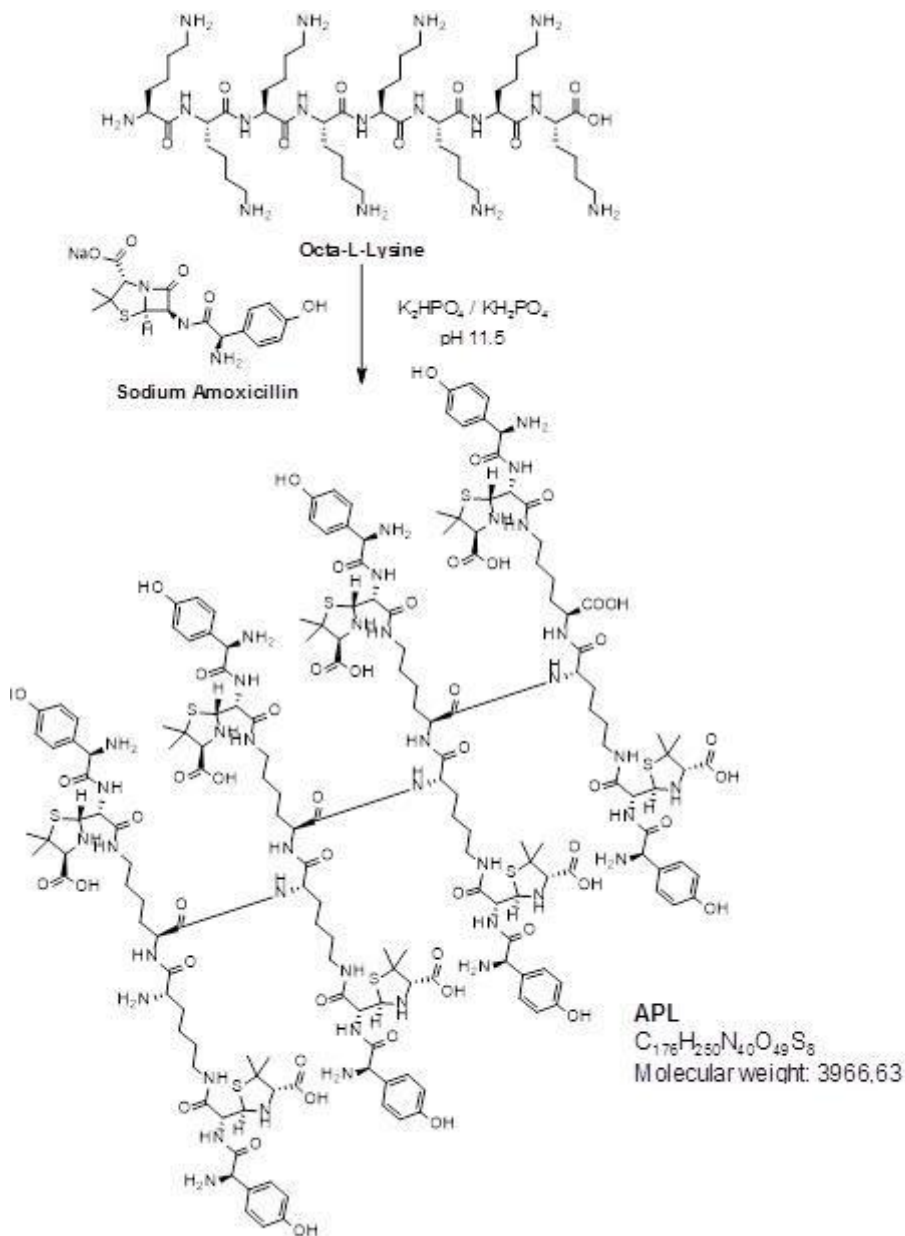
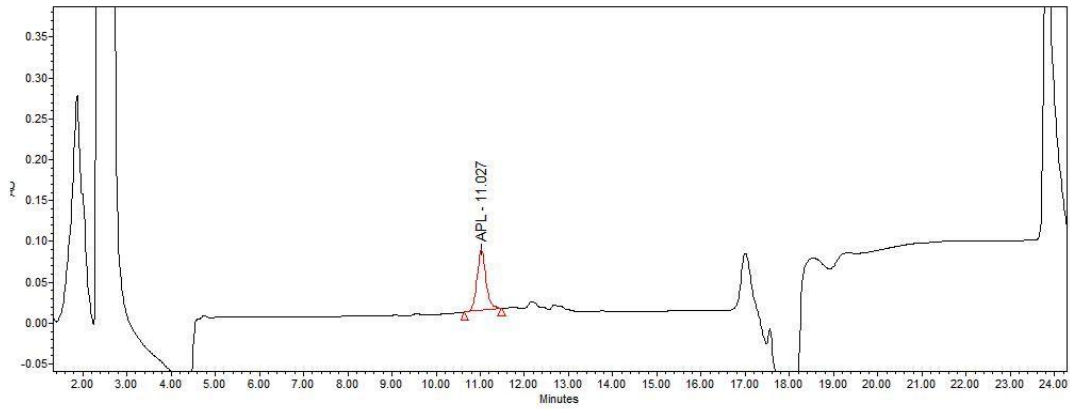


**Supplementary Figure 1.** A) Chemical synthesis of amoxicilloyl-Octa-L-lysine (APL);  
 B) Chromatogram of amoxicilloyl-octa-L-lysine.

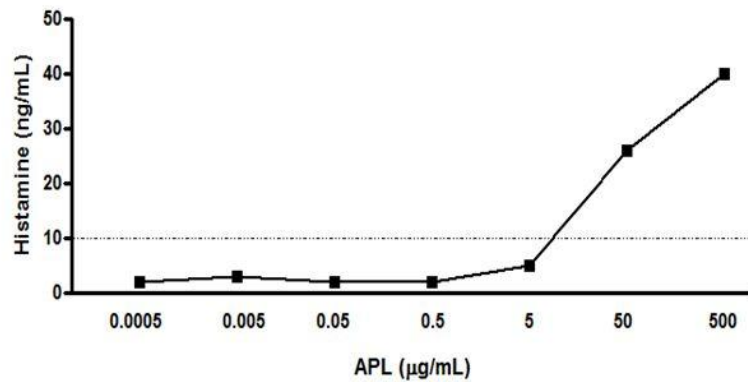
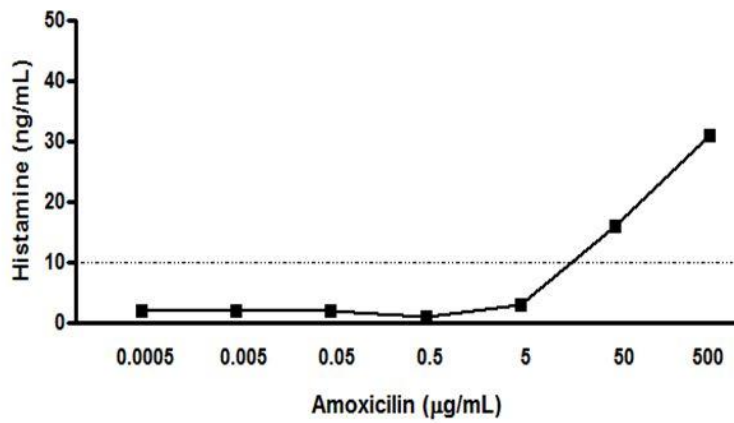
**FIGURE 1A**



**FIGURE 1B**



**Supplementary Figure 2.** Dose-response study for determining the highest concentration of AX and APL that did not induce unspecific histamine release (>10 ng/ml of histamine).



**Supplementary Figure 3.** ROC curves generated after the comparison of amoxicillin and APL in the basophil histamine release technique of allergic patients vs non-allergic patients

