Polyacrylate-peptide antigen conjugate as a single-dose oral vaccine against Group A Streptococcus

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Table 1. Element microanalysis for PMA and PMA-P-J8.

|                  | N %   | C %   | N/C ratio |
|------------------|-------|-------|-----------|
| PMA Theoretical  | 1.53  | 55.00 | 0.028     |
|                  | 10.27 | 49.81 | 0.206     |
| PMA-P-J8         | 10.19 | 49.80 | 0.204     |

Figure 1. ESI-MS Spectrum of 4-petynoyl derivative of PADRE-J8 Peptide.
Figure 2. Analytical RP-HPLC chromatogram image of PADRE-J8 with alkyne moiety, Rt=22.9 min.

Figure 3. DLS spectra of particle PMA-P-J8 size distributions by intensity.