

Supplemental Files

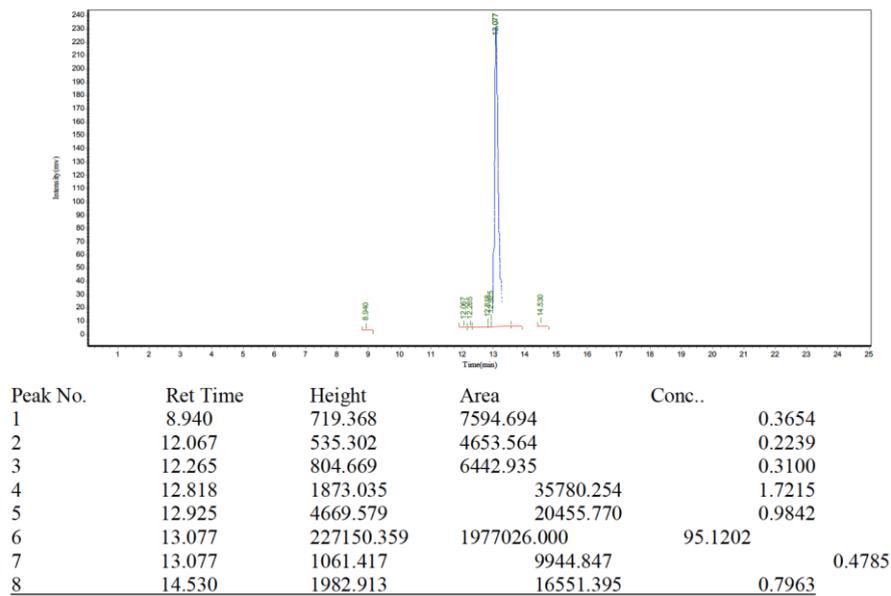
Surface Immobilization Chemistry of a Laminin-Derived Peptide Affects Keratinocyte Activity

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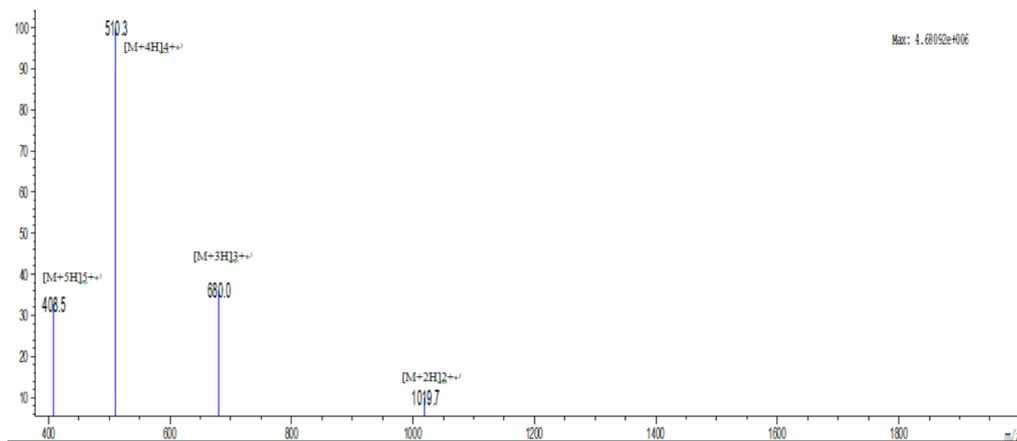
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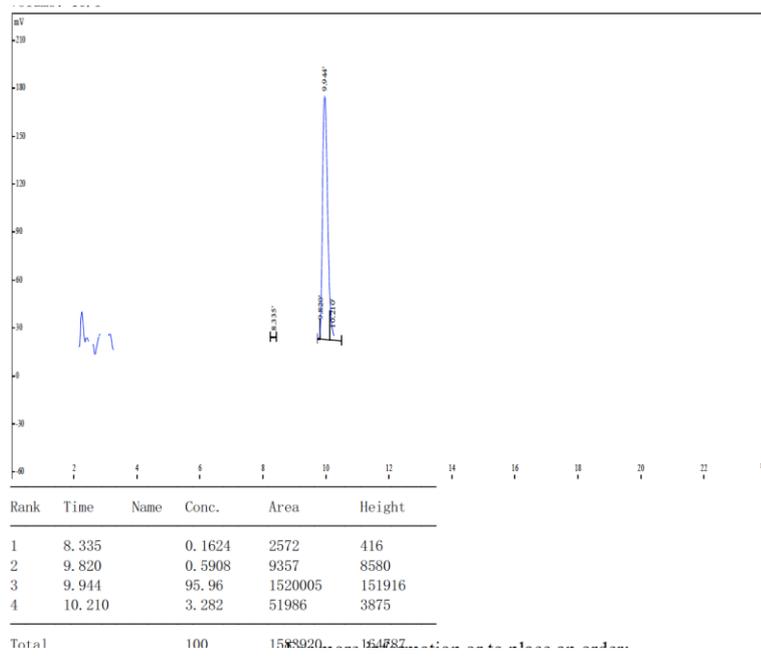


(A)

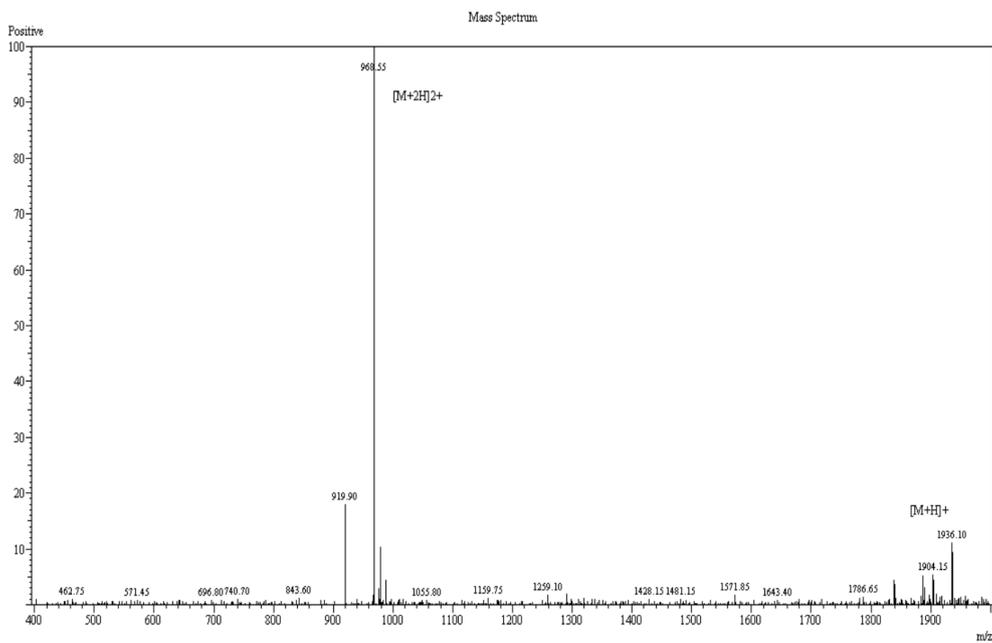


(B)

Figure 1. (A) HPLC analysis and (B) Electrospray ionization (ESI) mass spectroscopy spectrum of S-LamLG3 ($M_w = 2037.49$ Da).



(A)



(B)

Figure 2. (A) HPLC analysis and (B) ESI mass spectroscopy spectrum of D-LamLG3 ($M_w = 1935.35$ Da).

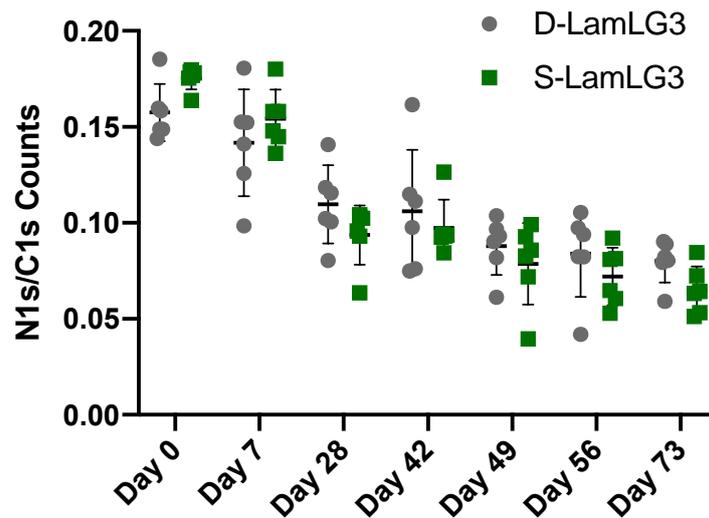


Figure 3. Ratio of the N1s X-ray photoelectron spectroscopy to the C 1s counts (N 1s/C1s) for D-LamLG3 vs. S-LamLG3 following up to 73 days in artificial saliva (37 °C). Differences in mean N 1s/C 1s Counts between D-LamLG3 and S-LamLG3 were assessed with an unpaired *t*-test; there were no statistically significant differences at any time point ($p > 0.05$).

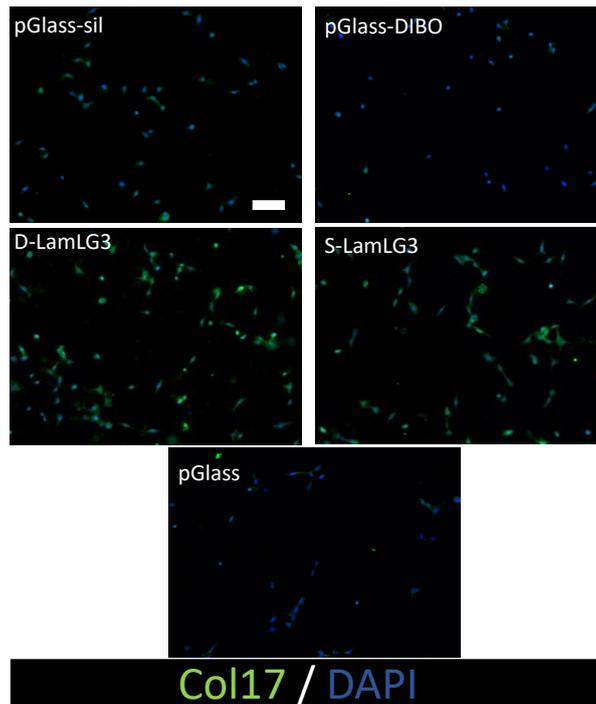


Figure 4. Representative micrographs of oral keratinocyte Col17 immunofluorescence after one day of culture. The scale bar is 100 μ m.

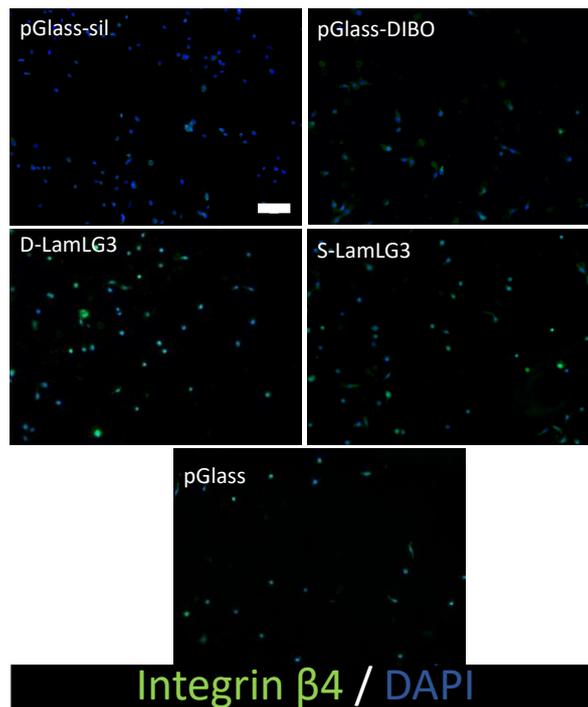


Figure 5. Representative micrographs of oral keratinocyte integrin β 4 immunofluorescence after one day of culture. The scale bar is 100 μ m.