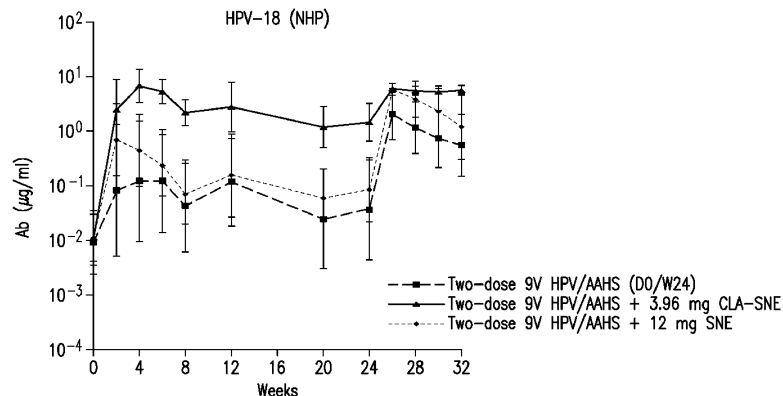




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(54) **Title:** NANOEMULSION ADJUVANT COMPOSITIONS FOR HUMAN PAPILLOMAVIRUS VACCINES



9vHPV = human papillomavirus 9-valent vaccine; Ab = antibody; HPV = human papillomavirus; AAHS = amorphous aluminum hydroxyphosphate sulfate adjuvant; NHP = non-human primate.

Longitudinal HPV VLP 18 Antibody Levels in Rhesus Macaques After Two-doses of
9vHPV Vaccine Combined with Either CLA-SNE (3.96 mg) or SNE (12 mg) Adjuvant

FIG. 13B

(57) **Abstract:** The present disclosure provides, among other things, a vaccine composition that includes a squalene nanoemulsion (SNE) adjuvant and HPV virus-like particles (VLPs) of at least one type of human papillomavirus (HPV) selected from the group consisting of HPV types: 6, 11, 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 55, 56, 58, 59, 66, 68, 73, and 82.

[Continued on next page]

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- *as to the identity of the inventor (Rule 4.17(i))*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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