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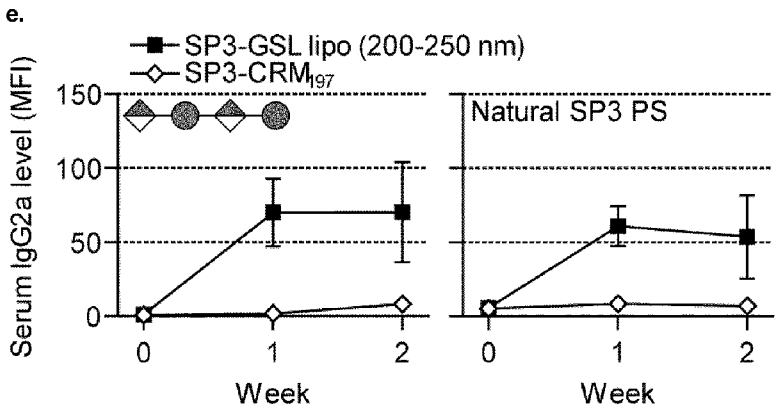
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(54) Title: PROTEIN AND PEPTIDE-FREE SYNTHETIC VACCINES AGAINST STREPTOCOCCUS PNEUMONIAE TYPE 3

Figure 3



(57) Abstract: The present invention provides a protein- and peptide-free conjugate comprising a synthetic carbohydrate and a carrier molecule, wherein the synthetic carbohydrate is a *Streptococcus pneumoniae* type 3 capsular polysaccharide related carbohydrate and the carrier molecule is a glycosphingolipid. Said conjugate and pharmaceutical composition thereof are useful for immunization against diseases associated with *Streptococcus pneumoniae*, and more specifically against diseases associated with *Streptococcus pneumoniae* type 3.