ABSTRACT

COMPOSITIONS AND METHODS FOR PREPARING STAPHYLOCOCCUS AUREUS SEROTYPE 5 AND 8 CAPSULAR POLYSACCHARIDE CONJUGATE IMMUNOGENIC COMPOSITIONS

The present invention relates to immunogenic conjugates comprising S. aureus serotype 5 and 8 capsular polysaccharides conjugated to carrier proteins and methods for their preparation and use. Methods for making the immunogenic conjugates of the invention involve covalent conjugation of the capsular polysaccharides with the carrier proteins using conjugation chemistry involving either 1,1 carboyl di 1,2,4 triazole (CDT) or 3 (2 pyridyldithio) propionyl hydrazide (PDPH).

Fig.4