

Title (en)
PROTECTIVE ANTIGEN OF GROUP A STREPTOCOCCI (SPA)

Title (de)
SCHUTZANTIGEN AUS GRUPPE A STREPTOCOCCI (SPA)

Title (fr)
ANTIGENE PROTECTEUR DE STREPTOCOCCI DE GROUPE A (SPA)

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Application
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Abstract (en)
[origin: WO0037648A1] The present invention provides the discovery of a new Streptococcus protective antigen (herein designated Spa) which has been identified and isolated from Streptococci. Spa is a surface antigen distinct from M protein which evokes opsonic antibodies that are protective against multiple serotypes of streptococci. The invention further provides isolated Spa polypeptides, proteins, peptides, and antibodies against the same, as well as nucleic acids encoding Spa polypeptide and peptide antigens. Also provided are methods for identification and isolation of a Spa polypeptide, therapeutic compositions comprised of Spa antigens or antibodies and methods of their use in protecting an animal against a Streptococcus infection.

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