Abstract

ABSTRACT This work presents the recognition of different serotypes of Pseudomonas aeruginosa lipopolysaccharide by human sera. The lipopolysaccharides were purified by the methods of Wespalh and Jann. On the other hand, a total of 104 serums, of infected patients and voluntary donors, coming from different hospitals and from the Blood Bank of the Marianao municipality were used for the recognition of the antigenic lipopolysaccharides, using of dot blot. Our results showed that the serotypes most frequently recognized by the tested serums, were O11, O13, O16 and O15, with significant differences among them (p <0.05).

Keywords

Pseudomonas aeruginosa, lipopolysaccharide, serotypes.