Identification of Encoding Gene for Fibrinogen Binding Protein On Staphylococcus aureus in Mastitic Milk

Abstrak :

The experiment to be done to show identification of encoding gene for bacterial fibrinogen binding protein on Staphylococcus aureus. The first step of test was to prepare pure culture of Staphylococcus aureus. Milk samples were collected from mastitic cases at the afternoon milking time. Preparation of pure culture were confirmed by MS agar, hemolytic activity, catalase test and coagulase. The result showed that there was an encoding gene of bacterial fibrinogen binding protein of Staphylococcus aureus with molecular size 1000 bp. The characterization molecular weight of bacterial fibrinogen binding protein was 40 kD.

Keyword :

Daftar Pustaka :

Akineden, O., C. Annemuller, A.A. Hassan, C. Laemler, W..Wolter and M. Zschok Toxin Genes and Other Characeristics of Staphylococcus aureus Isolates from Milk Cows with Mastitis Clinical and Diagnostic Laboratory Immunology 2001 United States
