

A METHOD FOR ISOLATING GRAM-NEGATIVE BACTERIA-DERIVED INTACT PROTEINS

ABSTRACT

The present invention relates to a method for eluting proteins from prokaryotes. The present invention enables easy break down of bacterial cell walls to obtain intact proteins without damage by a simple process of adding organic solvents including lower alcohols or nitrile derivatives; or applying osmotic stimulation to samples containing pathogenic bacteria or the like. In particular, the present invention may be usefully applied to rapid and accurate identification of periplasmic proteins of gram-negative bacteria without additional purification process.

Fig. 3a