BIOCONJUGATES MADE FROM RECOMBINANT N-GLYCOSYLATED PROTEINS FROM PROCARYOTIC CELLS

ABSTRACT

The present invention is directed to a bioconjugate vaccine, such as an Ol-bioconjugate vaccine, comprising: a protein carrier comprising a protein carrier containing at least one consensus sequence, D/E - X - N - Z - S/T, wherein X and Z may be any natural amino acid except proline; at least one antigenic polysaccharide from at least one pathogenic bacterium, linked to the protein carrier; and, optionally, an adjuvant. In another aspect, the present invention is directed to a method of producing an O1-bioconjugate in a bioreactor comprising a number steps.

(Figure 7B)