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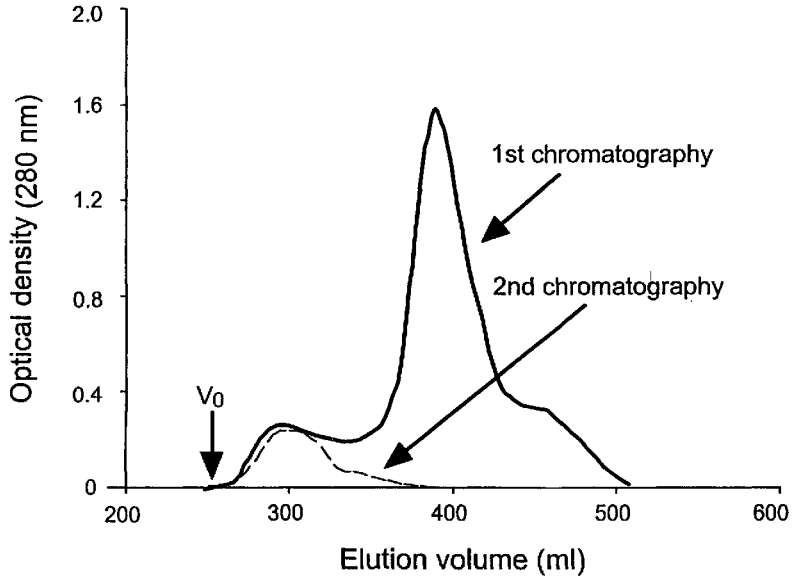
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(54) Title: NOVEL SURFACE EXPOSED IMMUNOGLOBULIN D-BINDING PROTEIN FROM MORAXELLA CATARRHALIS



(57) Abstract: The present invention relates to a surface exposed protein, which can be detected in Moraxella catarrhalis, having an amino acid sequence as described in SEQ ID NO 1, an apparent molecular weight of 200 kDa and a capacity of selectively binding membrane bound or soluble IgD, to an immunogenic or IgD-binding fragment of said surface exposed protein, and to an immunogenic and adhesive fragment of said surface exposed protein. DNA segments, vaccines, plasmids and phages, non human hosts, recombinant DNA molecules and plants, fusion proteins and polypeptides and fusion products are also described. A method of detecting IgD, a method of separating IgD, a method of isolation of a surface exposed protein of Moraxella catarrhalis and a method for treatment of an autoimmune disease is also disclosed.

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