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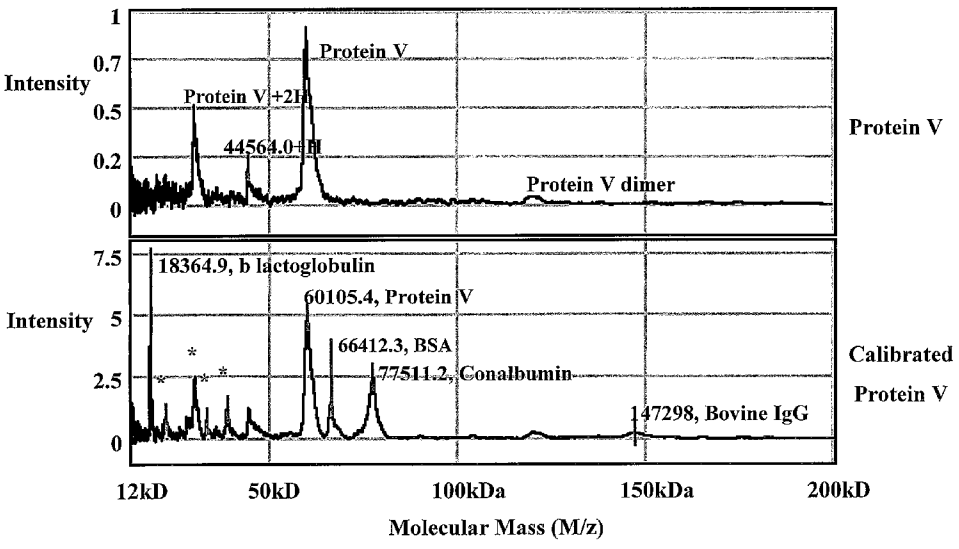
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(54) **Title:** A DEVICE INCLUDING A PROTEINACEOUS FACTOR, A RECOMBINANT PROTEINACEOUS FACTOR, AND A NUCLEOTIDE SEQUENCE ENCODING THE PROTEINACEOUS FACTOR



(57) **Abstract:** A device that includes a proteinaceous factor is disclosed. The proteinaceous factor is encoded by the nucleotide sequence of any one of SEQ ID NO.: 1, a degenerate variant of SEQ ID NO.: 1, and a complement of SEQ ID NO.: 1. SEQ ID NO.: 1 encodes protein V of Gardnerella vaginalis, which is a receptor for the Fc region of mammalian IgG. The proteinaceous factor may be a recombinant. In addition, the device may include any one of (i) Immunoglobulin G (IgG) bound non-specifically to the proteinaceous factor, (ii) at least one diagnostic label bound to the proteinaceous factor, (iii) Immunoglobulin G bound non-specifically to the proteinaceous factor and at least one diagnostic label bound to the proteinaceous factor, and (iv) at least one base supporting the proteinaceous factor.

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