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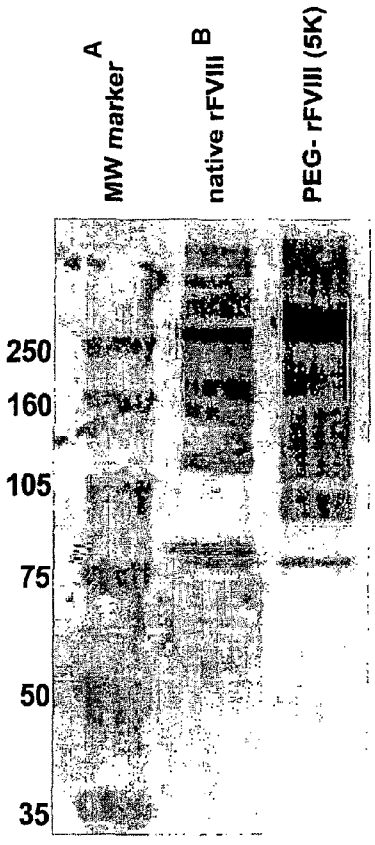
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(54) Title: PEGYLATED FACTOR VIII



(57) Abstract: The invention is a proteinaceous construct comprising a Factor VIII molecule having at least a portion of the B domain intact, which is conjugated to a water-soluble polymer such as polyethylene glycol having a molecular weight of greater than 10,000 Daltons. The construct has a biological activity of at least 80% of the biological activity of native Factor VIII, and the *in vivo* half-life of the construct is increased by at least 1.5 fold as compared to the *in vivo*half-life of native factor FVIII.

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