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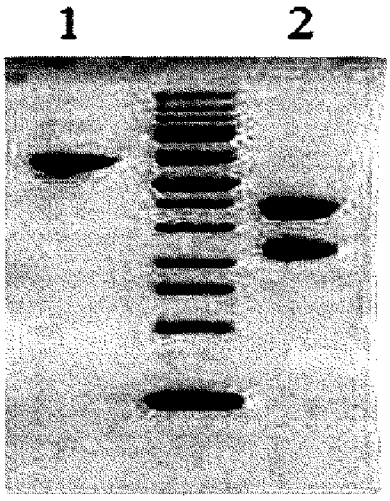
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(54) Title: AN INSULINOTROPIC COMPLEX USING AN IMMUNOGLOBULIN FRAGMENT



1: Non-reduction condition
2: Reduction condition

(57) Abstract: The present invention relates to an insulinotropic peptide conjugate having improved in-vivo duration of efficacy and stability, comprising an insulinotropic peptide, a non-peptide polymer and an immunoglobulin Fc region, which are covalently linked to each other, and a use of the same. The insulinotropic peptide conjugate of the present invention has the in-vivo activity which is maintained relatively high, and has remarkably increased blood half- life, and thus it can be desirably employed in the development of long acting formulations of various peptide drugs.

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