

Title (en)

METHOD OF DIAGNOSING PITUITARY DEPENDENT GROWTH HORMONE DEFICIENCY

Title (de)

VERFAHREN ZUR DIAGNOSE MANGELNDER ERZEUGUNG VON WACHSTUMSHORMON DER HYPOPHYSE

Title (fr)

METHODE DE DIAGNOSTIC DE CARENCES EN HORMONE DE CROISSANCE HYPOPHYSIAIRE

Publication

**EP 0871392 A4 20010829 (EN)**

Application

**EP 96908837 A 19960314**

Priority

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Abstract (en)

[origin: WO9629002A1] A diagnostic protocol and kit for evaluating pituitary growth hormone (GH) secretory capability as a means to identify the etiology of GH deficiency in children and adults is disclosed. The inventive protocol includes measuring GH secretion, as determined by changes in serum, plasma, or whole blood GH concentrations following administration of the xenobiotic GH releasing hexapeptide (GHRP-6) or any of its peptidyl or non-peptidyl synthetic analogues that release GH by the same cellular mechanism as GHRP-6. The naturally occurring GH releasing compound (GHRH) or its analogues is also administered to children and adults afflicted with disorders related to GH deficiency and GH secretion is measured. After evaluating the effects of independent administration of the GH secretagogues upon changes in blood GH concentrations, the effect of the co-administered GH secretagogues on blood GH concentrations in the child or adult subject is then measured.

IPC 1-7

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Citation (search report)

- [XA] POPOVIC, V. ET AL.: "Growth Hormone (GH) Secretion in Active Acromegaly after the Combined Administration of GH-Releasing Hormone and GH-Releasing Peptide-6", THE JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, vol. 79, no. 2, August 1994 (1994-08-01), pages 456 - 460, XP000901920
- [PX] BERCU, B.B ET AL.: "Evaluation of Pituitary Function in Children Using Growth Hormone Secretagogues", JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol. 9, no. 3, October 1995 (1995-10-01), pages 325 - 332, XP000904755
- See references of WO 9629002A1

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