

Title (en)

ASSAY METHOD TO RULE OUT RUPTURE OF MEMBRANES IN WOMEN AT RISK FOR IMMINENT DELIVERY.

Title (de)

TESTVERFAHREN ZUR AUSSCHLUSS VON MEMBRANRISSEN ALS RISIKO BEI KURZ VOR DER ENTBINDUNG STEHENDEN FRAUEN.

Title (fr)

METHODE DE DOSAGE PERMETTANT D'IDENTIFIER LA RUPTURE DES MEMBRANES CHEZ LES FEMMES PRESENTANT UN RISQUE D'ACCOUCHEMENT IMMINENT.

Publication

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Application

EP 94906621 A 19940121

Priority

- US 9400455 W 19940121
- US 743293 A 19930122

Abstract (en)

[origin: WO9417405A1] The present invention provides an assay that distinguishes those patients with impending imminent delivery with intact membranes from those in whom the membranes have ruptured. The method comprises obtaining a cervicovaginal secretion sample from a pregnant patient determined to be at risk for imminent delivery by detection of a biochemical marker for imminent delivery in a cervicovaginal secretion sample from the patient and determining the level of IGFBP-1 in the sample. If the level of IGFBP-1 is elevated, the patient has rupture of membranes. If IGFBP-1 is not present, the patient has intact membranes. In a preferred embodiment, the method comprises obtaining a cervicovaginal secretion sample from a pregnant patient after about week 20 of gestation and determining the level of fetal fibronectin and IGFBP-1 in the sample. The presence of an elevated fibronectin level in the sample indicates an increased risk of imminent delivery. If the level of IGFBP-1 is elevated, the patient had rupture of membranes. If IGFBP-1 is not present, the patient has intact membranes. If IGFBP-1 is not present, the IGFBP-1 assay is preferably repeated. In those patients with an increased level of IGFBP-1, the test indicates that delivery cannot be delayed.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [A] M. FANT: "Insulin-like growth factor binding proteins (BP) from human placenta are immunologically related to the growth hormone dependent binding protein in adult human serum (BP-53).", PLACENTA, vol. 11, no. 2, 1990, DALLAS TX USA, pages 123 - 133, XP000646849
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- See references of WO 9417405A1

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