

Title (en)

IMMUNOASSAY FOR HUMAN CHORIONIC GONADOTROPIN.

Title (de)

IMMUNOASSAY FÜR MENSCHLICHES CHORIONISCHES GONADOTROPIN.

Title (fr)

ANALYSE IMMUNOLOGIQUE DE LA GONADOTROPINE CHORIONIQUE HUMAINE.

Publication

**EP 0146563 A4 19881107 (EN)**

Application

**EP 84901866 A 19840413**

Priority

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Abstract (en)

[origin: WO8404598A1] An immunoassay for detecting and measuring hCG in a sample includes an antibody directed to the carboxy terminal portion of the beta subunit of hCG and a monoclonal antibody directed to a determinant on hCG at a locus sufficiently remote from the carboxy terminal portion of the beta subunit of hCG that both antibodies can simultaneously bind to hCG, wherein at least one of the antibodies is detectable when both are bound to hCG. In a presently preferred embodiment, an immunoassay for hCG or hCG beta in urine includes a purified, labeled or detectable serum-derived antibody directed to the carboxy-terminal portion of the beta subunit of hCG and a matrix-bound monoclonal antibody directed to a locus on the beta subunit sufficiently remote from the carboxy-terminal portion that both antibodies can simultaneously bind to hCG or hCG beta .

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- See references of WO 8404598A1

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