

Title (en)

GLYCOPROTEIN, ITS PREPARATION, ITS USE FOR THE MANUFACTURE OF ANTISERUM AND THE ANTISERUM

Publication

EP 0000134 B1 19811028 (DE)

Application

EP 78100134 A 19780609

Priority

DE 2726886 A 19770615

Abstract (en)

[origin: ES470653A1] A new glycoprotein is characterized by a protein consisting essentially of 75+/-6% of alpha -amino-acids, a carbohydrate portion of 24.6+/-5.2%, which contains 8.9+/-2% of hexoses, 7.1+/-1.5 of N-acetylated hexosamine, 0.2+/-0.2% of fucose, 8.4+/-1.5% of, N-acetylated neuraminic acid a sedimentation coefficient S_{20w} of 2.5+/-0.3 S a molecular weight of 35,000+/-5,000, determined in the ultracentrifuge, and a molecular weight of 65,000+/-10,000, determined in polyacrylamide gel containing sodium dodecyl sulfate an iso-electric point at pH 3.4+/-0.4 an extinction coefficient E_{11%cm} (280 nm) of 1.9+/-0.3 an electrophoretic mobility in the range between that of alpha 1 and alpha 2-globulins and a specific immunologic reaction with an antibody specifically directed against the glycoprotein.

IPC 1-7

C07G 7/00; G01N 33/48

IPC 8 full level

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CPC (source: EP US)

C07K 14/4715 (2013.01 - EP US); **C07K 16/18** (2013.01 - EP US); **A61K 39/00** (2013.01 - EP US); **Y10S 530/83** (2013.01 - EP US); **Y10S 530/851** (2013.01 - EP US)

Cited by

EP0060491A3; BG65084B1; DE3114641A1; EP0136093A3; EP0037963A3

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