

Title (en)
PREPARATION OF MONOMERIC IgG.

Title (de)
HERSTELLUNG VON MONOMEREM IGG.

Title (fr)
PREPARATION D'IgG MONOMERE.

Publication
EP 0222838 A4 19871209 (EN)

Application
EP 86903138 A 19860515

Priority
AU PH057185 A 19850515

Abstract (en)
[origin: WO8606727A1] A method for the purification of an IgG containing material, comprises the steps of: (i) fractionating an immunoglobulin G-containing material on a microparticulate, strong anion exchange resin having meso- and macro- porous surfaces, and (ii) recovering a purified IgG fraction from the resin by elution. The method may further comprise removal of Kallikrein-like esterase and other protease enzyme or protease zymogen activity from an IgG-containing material which comprises the steps of: (i) contacting the IgG-containing material with a protein-binding dye immobilised on a macroporous, mechanically stable gel support, and (ii) recovering the enzyme and zymogen-depleted IgG-containing material. The IgG-containing material may for example be Cohn Fraction II paste or powder.

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C07K 3/18; C07K 15/12

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C07K 16/065 (2013.01)

Citation (search report)
• [X] US 4136094 A 19790123 - CONDIE RICHARD M
• [Y] US 4431546 A 19840214 - HUGHES PETER [GB], et al
• [XP] EP 0180766 A2 19860514 - AMF INC [US]
• [XD] CHEMICAL ABSTRACTS, vol. 91, no. 15, 8th October 1979, page 224, abstract no. 119262f, Columbus, Ohio, US; N.D. HARRIS et al.: "Procion red HE-3B extracts plasminogen from human serum", & FEBS LETT. 1979, 103(1), 162-4
• [Y] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 225 (C-247)[1662], 16th October 1984; & JP-A-59 109 172 (ESUESU SEIYAKU K.K.I) 23-06-1984
• See references of WO 8606727A1

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