

Title (en)
RADIO-LABELLED ANTIBODIES FOR IMAGING

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Application
EP 90912565 A 19900824

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Abstract (en)
[origin: WO9102547A1] Scintigraphic detection thrombi in mammals can be effected by injecting a solution of a radio-labelled agent which can be a material from a reconstituted lyophilised kit and then labelled e.g. with technetium-99m. The agent is produced from a starting material from the group consisting of proteinaceous materials, monoclonal antibodies, single domain antibodies or an epitope binding fragment of monoclonal antibodies or single domain antibodies. The starting material is selected as one specifically directed against the blood clots and thiolating is effected for example with DL N-Acetylhomocystein-thiolactone. An important embodiment is one in which the thiolation step produces the Fab' fragment.

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Citation (search report)

- [AD] EP 0122478 A2 19841024 - AGEN BIOMEDICAL LTD [AU]
- [AD] JOURNAL OF IMMUNOLOGICAL METHODS, vol. 35, 1980, pages 157-168, Amsterdam, NL; M.J.S. WARZYNSKI et al.: "Conjugation of triaziquinone to immunoglobulin G by a thiolation procedure catalyzed by 2-pyridinealldoxime methiodide"
- [A] CHEMICAL ABSTRACTS, vol. 76, 1972, page 217, abstract no. 96637f, Columbus, Ohio, US; P.A. KENDALL: "Thiolation of proteins with homocysteine thiolactone. Preparation of immunoglobulin G heavily labeled with methylmercury", & BIOCHIM. BIOPHYS. ACTA 1972, 257-(1), 83-100
- See references of WO 9102547A1

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