Title (en)
  PURIFICATION OF ANTIBODIES

Title (de)
  REINIGUNG VON ANTIKÖRPERN

Title (fr)
  PURIFICATION D'ANTICORPS

Publication
  **EP 1086119 A4 20011004 (EN)**

Application
  **EP 99955271 A 19990602**

Priority
  • AU 9900424 W 19990602
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Abstract (en)
  [origin: WO9962937A1] A method of separation of an antibody from a mixture of the antibody and at least one contaminant, the method comprising:
  a) placing the antibody and contaminant mixture in a first solvent stream, the first solvent stream being separated from a second solvent stream
  by an electrophoretic membrane; b) selecting the pH for the first solvent stream such that contaminants with an isoelectric point (pI) lower than the
  antibody to be separated will be charged; c) applying an electric potential between the two solvent streams causing movement of at least some of
  the contaminants through the membrane into the second solvent stream while the antibody is substantially retained in the first solvent stream, or if
  entering the membrane, being substantially prevented from entering the second solvent stream; d) optionally, periodically stopping and reversing the
  electric potential to cause movement of any antibody having entered the membrane to move back into the first solvent stream, wherein substantially
  not causing any contaminants that have entered the second solvent stream to re-enter first solvent stream; and e) repeating step c) and optionally
  step d) until the first solvent stream contains the desired purity of antibody.

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IPC 8 full level
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  • No further relevant documents disclosed
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