



US007993917B2

(12) **United States Patent**
Martin

(10) **Patent No.:** **US 7,993,917 B2**
(45) **Date of Patent:** **Aug. 9, 2011**

(54) **METHOD FOR OBTAINING A CELLULAR PRODUCT FROM A CELL OR A TISSUE USING PROTEIN-FREE MEDIUM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **12/544,733**

(22) Filed: **Aug. 20, 2009**

(65) **Prior Publication Data**

US 2010/0092938 A1 Apr. 15, 2010

Related U.S. Application Data

(60) Division of application No. 11/150,322, filed on Jun. 13, 2005, now Pat. No. 7,611,896, which is a continuation-in-part of application No. 10/990,971, filed on Nov. 18, 2004, now Pat. No. 7,452,721, which is a continuation of application No. 10/173,586, filed on Jun. 18, 2002, now Pat. No. 7,008,774, which is a continuation of application No. 09/725,182, filed on Nov. 29, 2000, now abandoned.

(60) Provisional application No. 60/168,300, filed on Dec. 1, 1999.

(51) **Int. Cl.**

C12N 1/10 (2006.01)
C12N 1/20 (2006.01)
C12N 5/00 (2006.01)
C12N 5/02 (2006.01)
C12P 1/00 (2006.01)

(52) **U.S. Cl.** **435/374**; 435/41; 435/373; 435/375; 435/382; 435/383; 435/384; 435/385; 435/388; 435/390; 435/391; 435/392; 435/404; 435/407; 435/253.6; 435/255.21; 435/258.3

(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

Methods for the diagnosis of visceral, cutaneous and canine leishmaniasis in a subject suspected of being infected with the parasitic protozoa *Leishmania* is disclosed. Disclosed are antibody-capture enzyme-linked immunosorbent assays (ELISAs) for the detection of antibodies to *Leishmania* parasite soluble antigens and antigen-capture ELISAs for the detection of *Leishmania* parasite soluble antigens in host samples. Also disclosed are immunodiagnostic kits for the detection of *Leishmania* parasite circulating antigens or IgM and IgG antibodies in a sample from subject having visceral, cutaneous or canine leishmaniasis. In these methods and kits, detection may be done photometrically or visually. The methods and kits also allow the visualization of *Leishmania* amastigotes or promastigotes in a sample.

20 Claims, 11 Drawing Sheets

