

Title (en)

METHODS AND TEST KITS FOR EVALUATING THE PRESENCE AND SEVERITY OF RESPIRATORY TRACT INFLAMMATION

Title (de)

VERFAHREN UND TESTSATZEN ZUR BEURTEILUNG DER ANWESENHEIT UND STRENGE VON ATEMWEGEENTZÜNDUNG

Title (fr)

PROCEDES ET TROUSSES D'ANALYSE DESTINES A L'EVALUATION DE LA PRESENCE ET DE LA SEVERITE D'UNE INFLAMMATION RESPIRATOIRE

Publication

EP 1171770 A1 20020116 (EN)

Application

EP 00920767 A 20000419

Priority

- FI 0000337 W 20000419
- FI 990888 A 19990420

Abstract (en)

[origin: WO0063698A1] The present invention is related to diagnostic methods and test kits for physicians and veterinarians to enable an easy and rapid diagnosis of the level and severity of respiratory tract inflammation without elaborate laboratory facilities and qualified laboratory personnel. The method and test kits are based on a unbiased evaluation of the amount matrix metalloproteinases (MMPs) and/or related molecules (MMP-RMs) in respiratory secretion samples. An increased amount of MMPs in respiratory fluid as compared with the amount found in healthy persons is a reliable indication of the level, severity and/or tissue destructive active phase(s) of inflammation in respiratory tracts and also enables targeting of medical treatment as well as prediction of the risks for complication in connection with infections, inflammation as well as environmental and physical stress factors, e.g. for athletes participating in sporting events. A lot of money is also involved for example in racing businesses, wherein it is important for the veterinarian working in field conditions to be able to decide whether a horse can participate in a race or not.

IPC 1-7

G01N 33/573

IPC 8 full level

G01N 33/543 (2006.01); **G01N 33/573** (2006.01); **G01N 33/577** (2006.01)

CPC (source: EP)

G01N 33/573 (2013.01); **G01N 2333/96486** (2013.01)

Citation (search report)

See references of WO 0063698A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0063698 A1 20001026; AU 4121900 A 20001102; CA 2370418 A1 20001026; EP 1171770 A1 20020116; FI 990888 A0 19990420; JP 2002542485 A 20021210

DOCDB simple family (application)

FI 0000337 W 20000419; AU 4121900 A 20000419; CA 2370418 A 20000419; EP 00920767 A 20000419; FI 990888 A 19990420; JP 2000612752 A 20000419