

Title (en)  
ELISA FOR HAPTOGLOBIN-MATRIX METALLOPROTEINASE 9 COMPLEX AS A DIAGNOSTIC TEST FOR CONDITIONS INCLUDING ACUTE INFLAMMATION

Title (de)  
ELISA FÜR EINEN HAPTOGLOBIN-MATRIX-METALLOPROTEINASE-9-KOMPLEX ALS DIAGNOSTISCHER TEST AUF ERKRANKUNGEN MIT AKUTEN ENTZÜNDUNGEN

Title (fr)  
ELISA POUR UN COMPLEXE HAPTOGLOBINE-MÉTALLOPROTÉINASE 9 DE MATRICE EN TANT QU'ESSAI DE DIAGNOSTIC POUR DES ÉTATS PATHOLOGIQUES COMPRENANT UNE INFLAMMATION AIGUË

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Application  
**EP 11820374 A 20110811**

Priority  
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• US 2011047425 W 20110811

Abstract (en)  
[origin: WO2012027127A2] A method for detecting a haptoglobin-matrix metalloproteinase 9 (Hp-MMP 9) complex in a biological sample. The sample includes incubating the biological sample with a capture reagent immobilized on a solid support to bind Hp-MMP 9 to the capture reagent. The capture reagent includes a monoclonal antibody that binds MMP9. The method detects Hp-MMP 9 bound to the immobilized capture reagent by contacting the bound Hp-MMP 9 with a detectable antibody that binds to Hp.

IPC 8 full level  
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CPC (source: EP)  
**G01N 33/564** (2013.01); **G01N 33/573** (2013.01); **G01N 2333/96494** (2013.01)

Citation (search report)  
• [X] HINDS C A ET AL: "SERUM HAPTOGLOBIN (HP)-MATRIX METALLOPROTEINASE 9 (MMP 9) COMPLEX ELISA AS A MARKER OF SEPTIC INFLAMMATION IN CATTLE: A COMPARISON TO HP OR MMP 9 ELISA", JOURNAL OF VETERINARY INTERNAL MEDICINE, vol. 24, no. 3, May 2010 (2010-05-01), & ANNUAL ACVIM FORUM; ANAHEIM, CA, USA; JUNE 09 -12, 2010, pages 713, XP002721953, ISSN: 0891-6640  
• [X] BANNIKOV ET AL: "Dissecting serum Haptoglobin: A subset of serum haptoglobin is produced by neutrophils and is present in cattle with sepsis.", 1 January 2007 (2007-01-01), XP002721954, Retrieved from the Internet <URL:http://www.ohiodairyvets.org/wp-content/uploads/2007/09/abstracts-january-2007.pdf>  
• [XP] BANNIKOV G A ET AL: "Serum haptoglobin-matrix metalloproteinase 9 (Hp-MMP 9) complex as a biomarker of systemic inflammation in cattle", VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY, ELSEVIER BV, AMSTERDAM, NL, vol. 139, no. 1, 1 January 2011 (2011-01-01), pages 41 - 49, XP027561045, ISSN: 0165-2427, [retrieved on 20100814], DOI: 10.1016/J.VETIMM.2010.08.004  
• See references of WO 2012027127A2

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