

Title (en)  
METHOD AND BIOSENSOR FOR DETECTING ANTIGEN

Title (de)  
VERFAHREN UND BIOSENSOR ZUM NACHWEIS VON ANTIGENEN

Title (fr)  
PROCEDE ET BIOCAPTEUR DE DETECTION D'ANTIGENE

Publication  
**EP 1143251 B9 20050119 (EN)**

Application  
**EP 99900171 A 19990112**

Priority  
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Abstract (en)  
[origin: EP1143251A1] A sensor chip for surface plasmon resonance which has a thin metal film, an antibody against a substance with the steroid skeleton such as a steroid hormone, a sex hormone or an environmental hormone (excluding triazine compounds), and a fixation layer for fixing the antibody to the thin metal film; and a method for detecting an environmental hormone which involves the step of exposing the antibody in the above-mentioned sensor chip to a sample, the step of irradiating the thin metal film with light and the step of determining the intensity of the light reflected by the thin metal film. This method achieves a high sensitivity and an excellent selectivity. <IMAGE>

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**G01N 33/543**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN104395753A; EP1780546A1; EP2579025A4; US7396676B2; US11255849B2; US11668646B2; KR20240002297A

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