

Title (en)  
ABSORBANCE MULTIPLEX TECHNOLOGY

Title (de)  
MULTIPLEX-ABSORPTIONSTECHNOLOGIE

Title (fr)  
TECHNIQUE MULTIPLEX PAR ABSORBANCE

Publication  
**EP 1352241 A1 20031015 (EN)**

Application  
**EP 01992259 A 20011221**

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Abstract (en)  
[origin: WO0250537A1] A method of simultaneously detecting and quantitating multiple target molecules in a single reaction well of a reaction surface. Antibodies to different target molecules are bound to a reaction surface. A sample solution believed to contain the target molecules is added to the reaction surface and incubated. During incubation, the target molecules form complexes with the bound antibodies. After a washing step, an enzyme-bound antibody mixture is added to the reaction surface. The enzyme-bound antibodies have an affinity for the target molecule/bound antibody complexes. The sequential addition of specific enzyme substrates permits the detection of multiple target molecules without poisoning any of the enzymes. A kit for the simultaneous detection of multiple target molecules is also disclosed.

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