

Title (en)  
ASSAY FOR IMMOBILIZED REPORTER GROUPS.

Title (de)  
TEST FÜR IMMOBILISIERTE REPORTERGRUPPEN.

Title (fr)  
ANALYSE POUR LA DETECTION DE GROUPES RAPPORTEURS IMMOBILISES.

Publication  
**EP 0170652 A4 19880823 (EN)**

Application  
**EP 84901033 A 19840127**

Priority  
US 8400138 W 19840127

Abstract (en)  
[origin: WO8503356A1] A sensitive and specific assay method for luminescent detection of support matrix-bound reporter groups smaller than about 10,000 daltons in size which comprises contacting such reporter groups with a detector complex which comprises a first component having a strong and specific affinity for such reporter group, and a second component capable of being readily coupled to a light emitting system, thereby to produce high affinity attachment of said detector complex to the immobilized reporter group. The amount of bound detector complex is determined with a luminescence coupled reaction. The light emitted is quantitated by means including a luminometer, light sensitive film, or light sensitive charge coupled device; and the amount of such light provides a measure of the reporter groups bound to the support matrix. In one application, the assay method provides means for monitoring the interactions by which the reporter groups are immobilized. Also disclosed are reagent means useful in practicing the method.

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; **C12Q 1/68**

IPC 8 full level  
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CPC (source: EP)  
**G01N 33/533** (2013.01)

Citation (search report)  

- [XP] EP 0123300 A2 19841031 - ENZO BIOCHEM INC [US]
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- See references of WO 8503356A1

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**US 8400138 W 19840127**; AU 2577084 A 19840127; DK 436785 A 19850926; EP 84901033 A 19840127; JP 50102584 A 19840127; NO 853790 A 19850926