

Title (en)  
BIOCHIP FOR CARRYING OUT A FLUORESCENCE ANALYSIS OF INDIVIDUAL TRANSPORTERS

Title (de)  
BIOCHIP FÜR DIE FLUORESCENZANALYSE VON EINZELNEN TRANSPORTERN

Title (fr)  
BIOPUCE POUR L'ANALYSE PAR FLUORESCENCE DE TRANSPORTEURS INDIVIDUELS

Publication  
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Application  
**EP 08748708 A 20080402**

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Abstract (en)  
[origin: WO2008122267A2] The invention relates to a biochip (1) for optically measuring the properties of individual transporter systems (50). The aim of the invention is to increase the measuring accuracy and the throughput with which the properties of transporter molecules (50) can be measured. To achieve this aim, a biochip (1) for optically measuring the properties of individual transporter systems (50) substantially consists of a transparent support (10) and a plurality of recesses (30) that are open to the top. The biochip (1) is configured in such a manner that its openings (31) can be covered by a membrane (40), thereby forming closed measuring compartments (30), and that the transport of the substrate molecules (60) via the membrane (40) into the recesses (30) can be detected.

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