

Title (en)
KINASE ACTIVITY MEASUREMENT USING FLUORESCENCE POLARIZATION

Title (de)
MESSUNG DER KINASEAKTIVITÄT MITTELS FLUORESZENTPOLARISATION

Title (fr)
MESURE DE L'ACTIVITE DE LA KINASE PAR POLARISATION DE FLUORESCENCE

Publication
EP 0938586 A1 19990901 (EN)

Application
EP 97952171 A 19971028

Priority
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Abstract (en)
[origin: WO9818956A1] A method for quantitating enzyme activity of phosphorylation and dephosphorylation of a peptide or protein substrate, comprising measuring the fluorescence polarization of a fluorescence-emitting reporter molecule in solution with the phosphate. Then, adding an enzyme, either a kinase or a phosphatase, and incubating the solution. Finally, measuring the fluorescence polarization of the solution after the enzyme has had an opportunity to react with the peptide or protein substrate.

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