

Title (en)

METHOD OF DETERMINING THE CONCENTRATION OF AN ENZYME BY PHOTOMETRIC MEASUREMENT OF THE ABSORPTION OF A DYE FORMED BY THE ENZYME IN A TEST SOLUTION

Title (de)

VERFAHREN ZUR MESSUNG DER KONZENTRATION EINES ENZYMS DURCH PHOTOMETRISCHE ABSORPTIONSMESSUNG EINES ENZYMATISCH GEBILDETEN FARBSTOFFS IN EINER MESSLÖSUNG

Title (fr)

PROCEDE PERMETTANT DE MESURER LA CONCENTRATION D'UNE ENZYME PAR MESURE DE L'ABSORPTION PHOTOMETRIQUE D'UN COLORANT FORME DE MANIERE ENZYMATIQUE DANS UNE SOLUTION DE MESURE

Publication

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Application

EP 96927021 A 19960716

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Abstract (en)

[origin: DE19527160C1] Described is a method of determining the concentration of an enzyme by reacting the enzyme with a substrate solution and measuring the concentration of the dye thus formed by photometric measurement of the absorption of a test solution, the measurement being carried out in the presence of a second dye which is added to the test solution and which does not interfere with the measurement of the concentration of the dye formed by the enzyme. For the determination of alkaline phosphatase from a biological sample or from an enzyme immuno-assay, the preferred dye is amaranth, and it is preferably added to the test solution together with a timer solution to time the enzymatic dye-forming reaction.

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