

Title (en)

METHOD OF DETERMINING A SUBSTRATE IN A SAMPLE.

Title (de)

VERFAHREN ZUM BESTIMMEN EINES SUBSTRATS IN EINER PROBE.

Title (fr)

PROCEDE DE DETERMINATION D'UN SUBSTRAT DANS UN ECHANTILLON.

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Application

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Priority

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Abstract (en)

[origin: WO8100725A1] Method of determining a substrate in a sample which comprises converting the substrate to a product in a first stage of a cyclic reaction sequence and converting the product back to the substrate in a second reaction stage of the cyclic reaction sequence. At least one of the first and second reaction stages is enzyme catalyzed. Simultaneously with either the first reaction stage or the second reaction stage an indicating substrate is converted to an indicating product in a non-reversible indicator reaction. After this the loss of indicating substrate or gain of indicating product may be determined. The method is particularly efficacious in enzyme immunoassay determinations which include homogeneous enzyme immunoassay and enzyme linked immunoassay wherein the free or bound enzyme-ligand or enzyme antibody conjugate is to be assayed by the method of the invention.

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