

Title (en)

IMMUNOASSAY USING DYE COMPLEXED ENZYME CONJUGATES.

Title (de)

IMMUNOASSAY UNTER VERWENDUNG FARBSTOFFKOMPLEXIERTER ENZYMKONJUGATE.

Title (fr)

DOSAGES IMMUNOLOGIQUES AU MOYEN DE CONJUGUES ENZYMATIQUES COLORES COMPLEXES.

Publication

EP 0648334 A1 19950419 (EN)

Application

EP 93915505 A 19930701

Priority

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- US 90798592 A 19920702

Abstract (en)

[origin: WO9401775A1] Target-specific dye labeled complexes are formed by reacting a conjugate of an enzyme and a specific binding substance, such as an antibody or antigen, with an enzyme substrate in a liquid medium under conditions where the substrate is converted to dye molecules which then complex to the conjugate. Such dye labeled complexes are useful in a variety of biological assays, particularly lateral flow assays where the dye labeled complex is immobilized within a label zone (14) which forms part of a flow path for a liquid sample or liquid reagent in a test device (10). Liquid flow through the label zone (14) transports the dye labeled complex to a subsequent capture zone (16) where it is bound in proportion to the presence or absence of a target analyte within the liquid sample.

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