

Title (en)

CAPILLARY ELECTROPHORESIS METHOD FOR SCREENING FOR AFFINITY LIGANDS USING A DETECTABLE COMPETITIVE LIGAND

Title (de)

ELEKTROFORETISCHES KAPILLARVERFAHREN ZUR UNTERSUCHUNG VON AFFINITÄTSLIGANDEN MIT VERWENDUNG EINES NACHWEISBAREN KOMPETITIVEN LIGANDS

Title (fr)

PROCEDE D'ELECTROPHORESE CAPILLAIRE DESTINE AU CRIBLAGE DE LIGANDS D'AFFINITE UTILISANT UN LIGAND COMPETITIF DETECTABLE

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Application

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Abstract (en)

[origin: WO0079260A1] The invention relates to a capillary electrophoresis-based method of screening complex materials for any unidentified affinity ligand that binds to a target of interest. The method subjects a plug of a mixture of the target and a complex material sample, and a separate plug of a known, tight-binding competitive ligand, to capillary electrophoresis under conditions optimized to allow mingling of the two plugs during the capillary electrophoresis run. Preferably, migration of the competitive ligand is tracked.

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