

Title (en)

METHOD FOR DETECTING METHYLATION STATES FOR A TOXICOLOGICAL DIAGNOSTIC

Title (de)

VERFAHREN ZUR DETEKTION VON METHYLIERUNGSZUSTÄNDEN ZUR TOXIKOLOGISCHEN DIAGNOSTIK

Title (fr)

PROCEDE DE DETECTION D'ETATS DE METHYLATION AFIN DE PERMETTRE LE DIAGNOSTIC TOXICOLOGIQUE

Publication

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Application

**EP 01996625 A 20011108**

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Abstract (en)

[origin: WO0240710A2] The invention relates to a method for a toxicological diagnostic. According to the invention, a DNA sample is taken from an organism or a cell culture which has been exposed to a specific substance which is to be examined on account of its toxicological effect. The DNA contained in said sample is chemically pre-treated and the base sequence of a section of the modified DNA is determined. From there, a characteristic methylation state or a characteristic methylation model is determined for the sample. By comparison with data from methylation states of other samples, the effect of a substance on the organism or the cell culture is determined and/or compared to other substances in toxicological terms.

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IPC 8 full level

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