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(54) **DIAGNOSTIC TEST FOR THE DETECTION OF EARLY STAGE LIVER CANCER**

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See application file for complete search history.

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(57) **ABSTRACT**

Described are methods and kits to detect early stage hepatocellular carcinoma or a change in the gradation of hepatocellular carcinoma in mammals. The diagnostic marker is based on the profiling and identification of diagnostic carbohydrates present in a body fluid, such as blood serum.

**7 Claims, 13 Drawing Sheets**