METHOD FOR IDENTIFICATION, SELECTION AND ANALYSIS OF TUMOUR CELLS

Abstract

The present invention relates to a method for the diagnosis of tumoural conditions and/ or of the corresponding state of advance, wherein a specimen of an organic fluid taken from the patient and having a high probability of containing at least one circulating tumour cell (CTC) or a disseminated tumour cell (CTD) is enriched in a population of CTCs or CTDs. According to the invention, at least one type of CTCs or CTDs is isolated by selecting individually single cells in a microfluidic device so as to constitute a diagnostic specimen having a purity of at least 90%. On the specimen thus obtained there is subsequently performed a molecular analysis such as to highlight a characteristic thereof suited to enabling diagnosis.

Figure 1