ABSTRACT

There are provided a biochip and a biochip kit, in which a target contained in an analyte is reacted with a probe with high efficiency in a short time, B/F separation efficiency is high, and high-sensitive quantitative determination and detection can be realized, and a production process thereof, and a method for reacting a target contained in an analyte with a probe, and, for example, separation and fractionation method and a detection and identification method for a target contained in an analyte, using the biochip kit. The biochip according to the present invention comprises a well(s) provided with a filter comprising straight pores, with a uniform pore diameter, provided at uniform pore spacings. A dispersion with probe-supported particles dispersed therein is contained in the well, and an analyte is placed in the well(s) to react the analyte with the probe-supported particles. A solution such as an analyte solution can be introduced into or discharged from the well through the filter.