MICROFLUIDIC CHIP

Abstract

The invention relates to a microfluidic chip for biological, chemical and medical analysis. Cavities and channels, which connect these cavities to one another and which transport, based on the capillary effect, liquids required for carrying out analysis and synthesis, are arranged inside said microfluidic chip. At least one of the cavities is a reaction chamber. The microfluidic chip is characterized by having a layered construction made of light-curing hydrophilic plastic material based on a 3-D layer model and by having a covering layer made of a hydrophobic material. In the layered body made of hydrophilic material, channels that come from different cavities and do not intersect lead to the at least one reaction chamber.

Figure 1