# DESCRIPTION

## MICROFLUIDIC~~MICRO FLUID~~ DEVICE

### Technical Field

[0001]

The present invention relates to a microfluidic (or micro-fluid) device. More specifically, the present invention relates to the microfluidic device such as a microreactor, an integrated DNA device, and a micro-electrophoresis device.

### Background Art

[0002]

In recent years, micromachining techniques have been used in not only electrical and electronic fields but also any other field such as fluidics, mechanics and optics, and are the object of active researches and developments. Furthermore, it would not be an exaggeration to say that the micromachining techniques will draw greater attention in the future. Development of micromachining techniques has enabled downsizing of devices, which surely meets the social demands for resource saving and energy saving.

[0003]

In particular, the microfluidic device, which should be typical products of micromachining techniques, is considered