



A cross-sectional diagram of a microfluidic device. The device consists of several layers: a yellow passivation layer at the top, a blue top electrode in the center, a red membrane below it, a green insulation layer, and a grey substrate at the bottom. A white cavity is located between the membrane and the insulation layer. The substrate has a wavy bottom surface. Labels are placed within each layer or cavity.

Passivation layer

Top electrode

Membrane

Cavity

Insulation layer

Substrate
(bottom electrode)