

[ABSTRACT]

A liquid ejection head 1 includes an ejection orifice 12 through which a liquid is ejected, a first liquid flow path 13 which is in communication with the ejection orifice 12 and through which the liquid flows, a second liquid flow path 14 which is in communication with the ejection orifice 12 on the opposite side of the first liquid flow 13 with respect to the ejection orifice 12 and through which the liquid flows, a first electrode 21 positioned in the first liquid flow path 13, and a second electrode 22 which is positioned in the second liquid flow path 14 and generates an electro-osmotic flow in the liquid together with the first electrode 21.