

Abstract

In order to provide an electrophoresis device that is capable of reducing a noise signal caused by foreign matter present around an excitation light irradiation section of a capillary array, the electrophoresis device includes: a capillary array in which capillaries to be used for electrophoresis of a sample are arrayed in a plane; an excitation light source that emits excitation light to the capillary array; and a fluorescence measurement unit that measures fluorescence induced from the capillary array. The capillary array has a sealed structure in which a portion located around an excitation light irradiation section that is irradiated with the excitation light is filled with air.