ABSTRACT

An analysis device optically scans a surface of a substrate ~~100~~ to which analytes ~~620~~ and particles ~~66~~ for labeling the analytes ~~620~~ are fixed, detects a pulse wave included in a detection signal obtained from an optical scanning unit ~~3~~ when the optical scanning unit ~~3~~ scans the substrate ~~100~~, and counts the analytes ~~620~~ and determines that the analyte count is one when two pulse waves are detected consecutively each having pulse width ~~Ta~~ less than first reference value ~~T2~~ determined depending on first pulse width ~~T1~~ in the detection signal when the optical scanning unit ~~3~~ scans a plurality of particles ~~66~~ adjacent to each other.

FIG. 1