

Abstract

ELECTROCHEMICAL TEST BASE AND APPARATUS FOR ACT

5 The present invention discloses an electrochemical test base and apparatus for activated clotting time (ACT). The base includes a chip inlet. A magnetic field change structure is disposed above or below a position of the chip inlet. An ACT test chip is inserted from the chip inlet. The magnetic field change structure uniformly mixes a blood sample and a reactive reagent in the ACT test chip. The ACT test chip added with the blood sample is inserted from
10 the chip inlet of the base. The magnetic field change structure is disposed above or below the position of the chip inlet, and applies a magnetic field to the chip. The magnetic field change structure can generate a changing magnetic field. An inertial magnetic rotating rod in a chip test cavity uniformly mixes the blood sample and the reactive reagent in the chip for thorough reaction, to ensure accurate test results, thereby resolving problems of the hysteresis and poor
15 stability of test results.

(FIG.2)