

POINT OF CARE TEST FOR THE DETECTION OF EXPOSURE OR IMMUNITY TO DENGUE VIRUS

ABSTRACT

The present invention provides a "point of care test" (POCT) for detecting a subject who has had exposure to a dengue virus or immunological relative thereof or who has achieved some level of immunity against a dengue virus antigen. The method is predicted in part on the detection of a binding partner which is specific for a dengue virus or an immunological relative thereof. The POCT comprises contacting a biological sample from the subject with a mixture of dengue virus specific immunogenic components; and determining the presence of a complex that forms between a binding partner in the biological sample and a dengue virus specific immunogenic component; and characterizing the binding partner in the complex with an anti-binding partner antibody conjugated with gold colloid using reverse flow technology.

Figure 4