

ABSTRACT

The present invention provides a method and a system for testing an analyte, a medium, and a device. The method includes: imaging: irradiating a first area by infrared light within a first wavelength range and imaging the first area; and irradiating the first
5 area by ultraviolet light within a second wavelength range and imaging the first area; spectral obtaining: selecting a testing point and a reference point from the second image to obtain information about the analyte in the imaging area, where the information about the analyte includes information about the analyte correlated to the spectral data; and
10 compensating: compensating the information about the analyte based on a grayscale difference between the testing point and the reference point in the first image. In this application, spectral data in different areas is analyzed, to provide a more accurate test result.

[Fig. 1]