

ABSTRACT

The present invention provides a method and a system for managing an analyte level, a method and a system for testing an analyte, a medium, and a device, which relate to the field of optical analysis. The method includes: data collecting step: 5 collecting in real time spectral data that indicate uneven distribution in an imaging area of a reflection signal or an excitation signal generated by an analyte when irradiated by light; model analyzing step: inputting the collected spectral data into an analyte testing model to obtain an analyte level in the imaging area, where the analyte level includes information about the analyte correlated to the spectral data; and prompting step: 10 displaying prompting information when the analyte level is beyond a preset range.

[Fig. 1]