

ABSTRACT

The present invention provides a method and a system for testing an analyte, a medium, and a device which relate to the field of optical analysis. The method comprises: imaging: irradiating a first area by light within a preset wavelength range, and imaging the first area, to obtain an image of an imaging area; spectrum obtaining: obtaining, from the image, spectral data that indicate uneven distribution in the imaging area of a reflection signal or an excitation signal generated by the analyte when irradiated by light; and analyzing step: obtaining information about the analyte in the imaging area based on the obtained spectral data, wherein the information about the analyte comprises information about the analyte correlated to the spectral data.

[Fig. 1]