

ABSTRACT

The present invention provides a system for illuminating an analyte and a system for testing an analyte which relate to the field of optical analysis. The system for illuminating the analyte includes a shell and a light source. The light source is capable
5 of providing light within a preset wavelength range; and the shell is capable of fitting a tested part of a tested object and forming an imaging area at a fitting position, and the light source illuminates the imaging area. According to this application, a wavelength range of light provided by the light source covers both a wavelength range within which analyte distribution data can be obtained and a wavelength range within which analyte
10 spectral data can be obtained, and the light source is set as a ring-shaped light source, to provide stable and uniform illumination for the imaging area.

[Fig. 1]