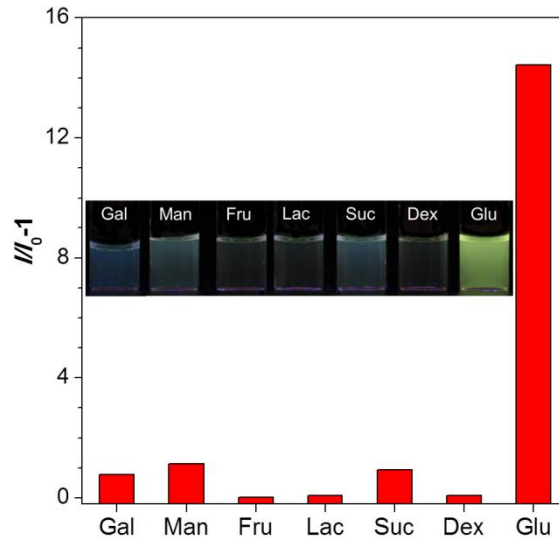


Product Specification

AIE™ Glucose



Product Description

- Quick detection of glucose in aqueous solution.
- The yellow signal was excited at 365 nm and detected at 540 nm after adding samples into probe solution.
- High sensitivity and selectivity for glucose detection.
- Superior anti-interference compared with the glucose detection agents on market (capable of detecting the glucose in serum).

Demonstrations

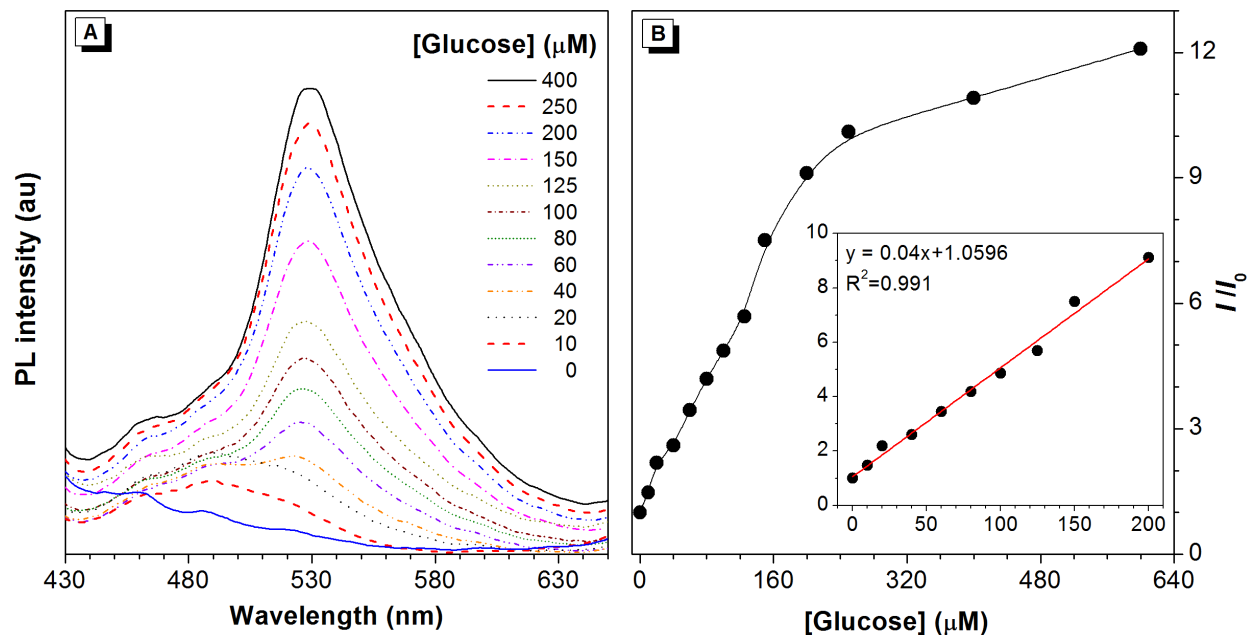


Figure 1. (A) The fluorescence spectra of the probe solution with different glucose concentration; (B) The ratio of fluorescence increase versus the glucose concentration.

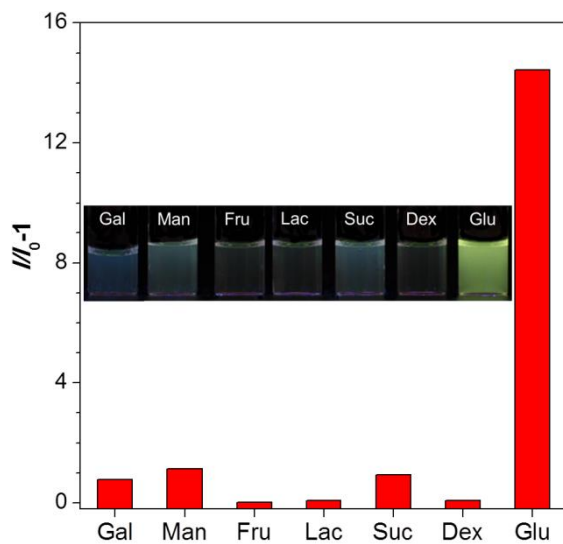


Figure 2. The response of probe solution to different saccharides. Insets: the fluorescence pictures of probe solution with different saccharides.

Recommended storage condition

Store away from sunlight at 2-8 °C

Product parameters

Limited of Detection	0.5 μM – 1 μM
Color:	Yellow
Imaging platform:	Fluorescence microscope Confocal microscope
Pack size and quantity:	10 μmol
Detection method:	Fluorescence
Excitation/ Emission (nm):	344±30/540±20
Recommended transport condition:	Room temperature
Product declaration:	Only used for research. Do not apply to any detection procedure.

Product operation method and handbook

[handbook is uploaded with PDF file]; [MSDS handbook]