

Product Specification

AIE™ pH



Product Description

- This product can indicate pH.
- As compared with the widely-used pH dyes on the market, the product has an especially broad response range of pH.

• Demonstrations

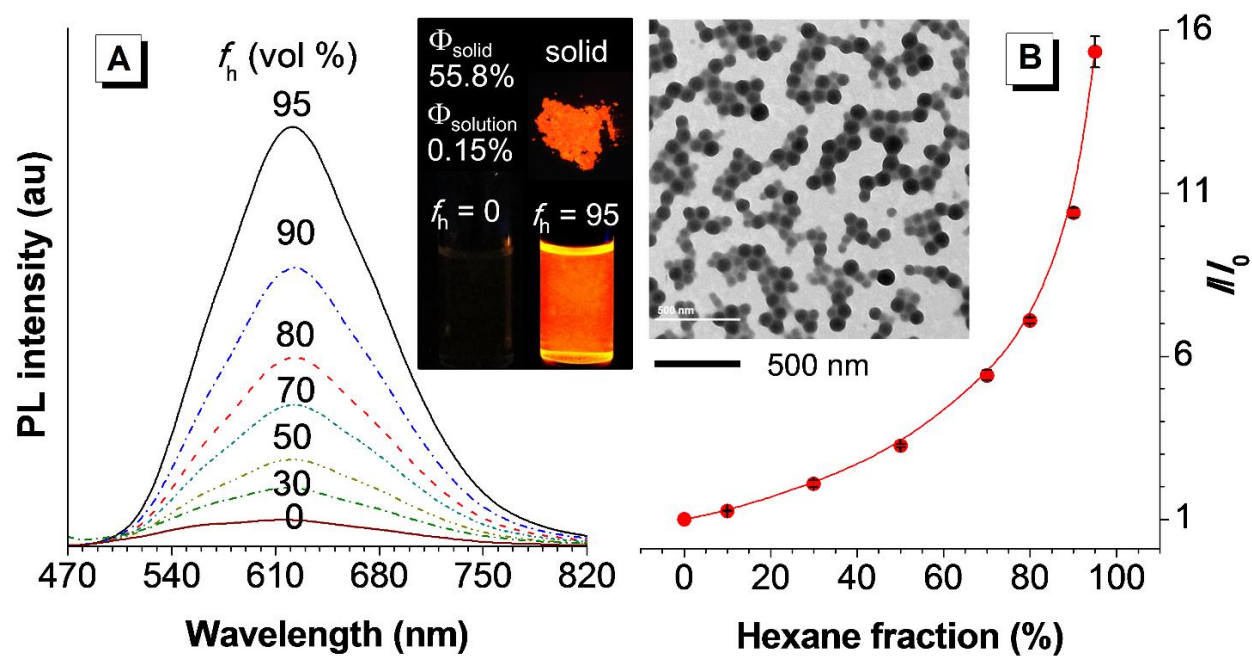


Figure 1: Aggregation-induced emission properties of AIE™ pH

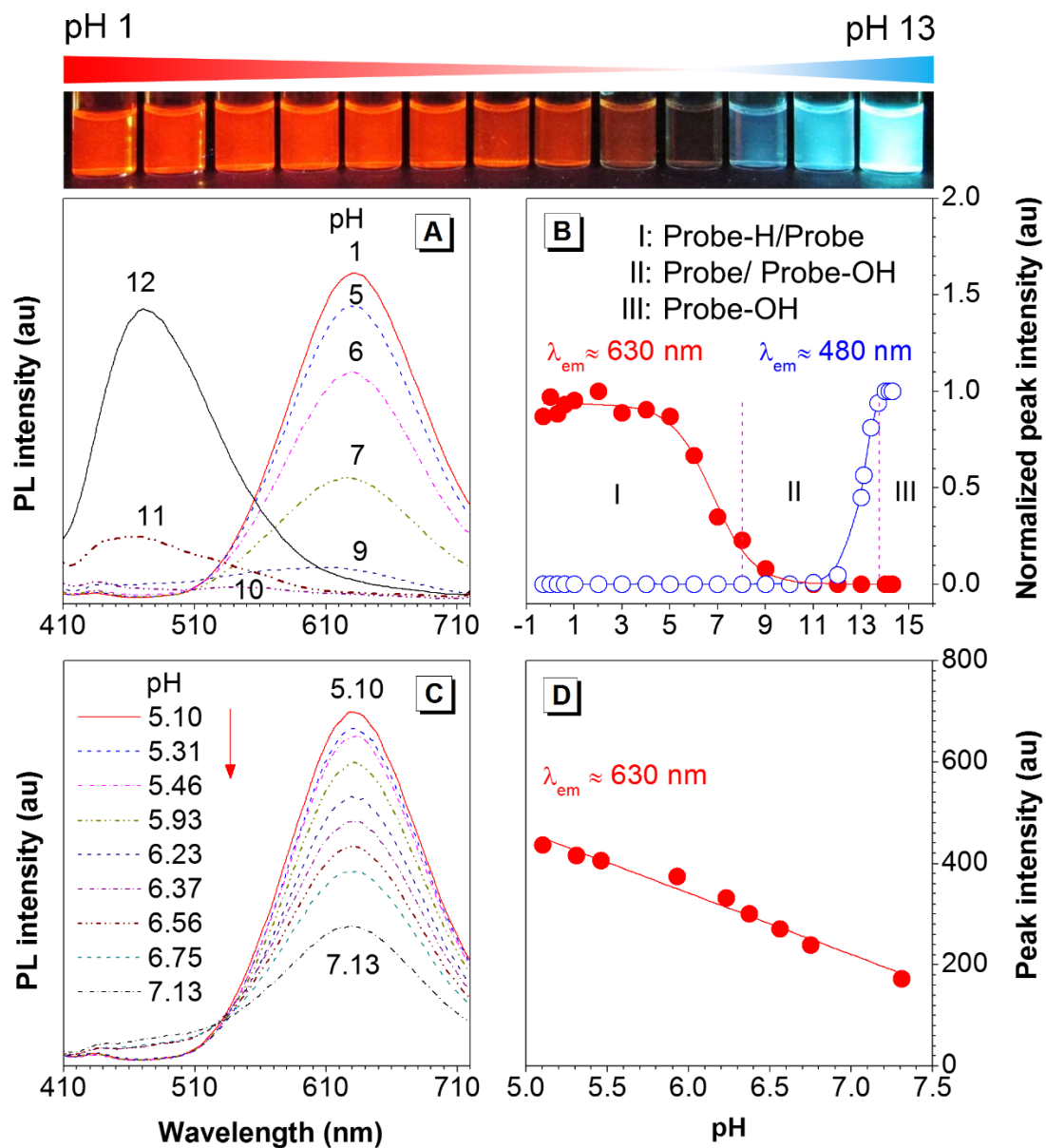


Figure 2: pH responses in aqueous phase

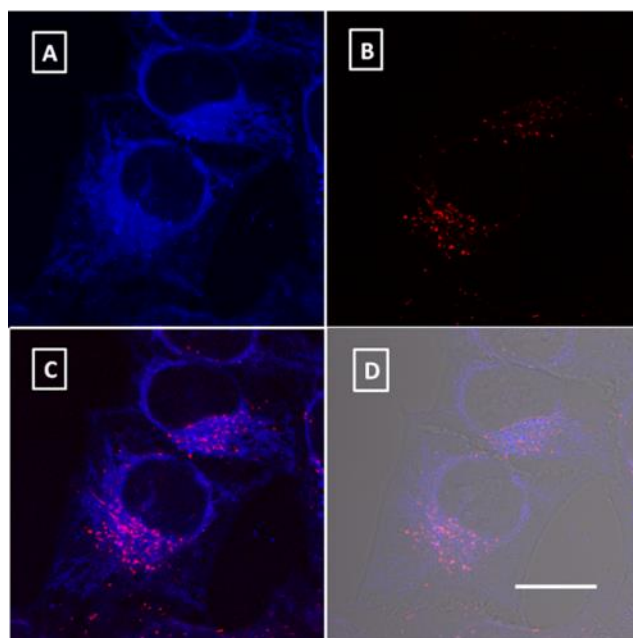


Figure 3: Cell staining.

Recommended storage condition

Store away from sunlight at 2-8 °C

Product parameters

Purpose	pH sensor
Color:	Red
Imaging platform:	Fluorescence microscope Confocal microscope Flow cytometry and et, al
Pack size and quantity:	10 μmol
Detection method:	Fluorescence
Excitation/Emission (nm):	Channel 1: 405/440 - 525 Channel 2: 488/561 - 659
Recommended transport condition:	Room temperature
Product declaration:	Only used for research. Do not apply to any detection procedure.