



Time Correlated Single Photon Counting (TCSPC): Time-Correlated Single-Photon Counting (TCSPC), Horiba, Cell holder with facility for recirculating liquid temperature control. Picobrite Diode Laser with a repetition rate of 5 MHz with instrument response function 140 picosecond. PMT detector (TBX-07C), lifetime can be measured around 140 picosecond successfully. Emission monochromator: Seya-Namioka type, featuring motorized wavelength drive (200 nm to 800 nm), integral safety shutters interlocked to lid of sample compartment, and synchronized manually adjustable slits (1nm to 32 nm). DAS6 decay analysis software: Foundation Pack (including 1 to 5 exponentials) + DAS6-8 Anisotropy.