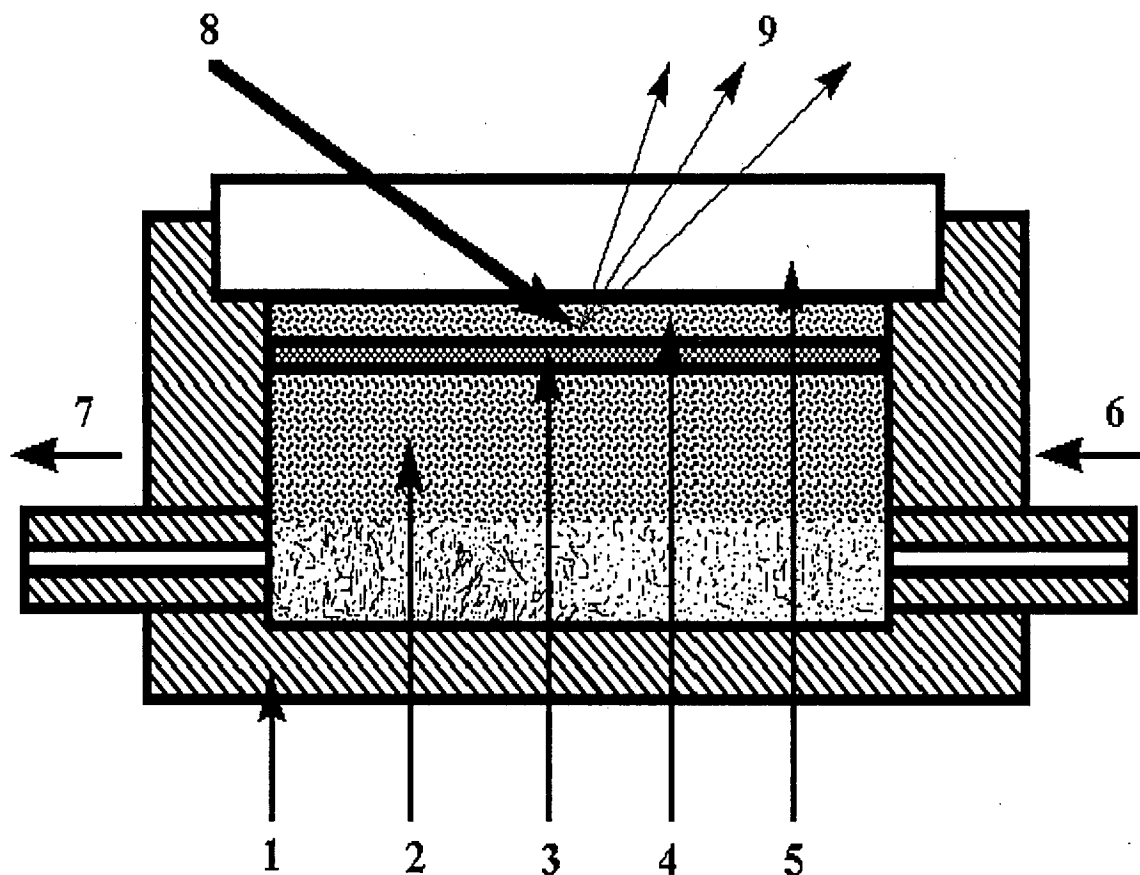
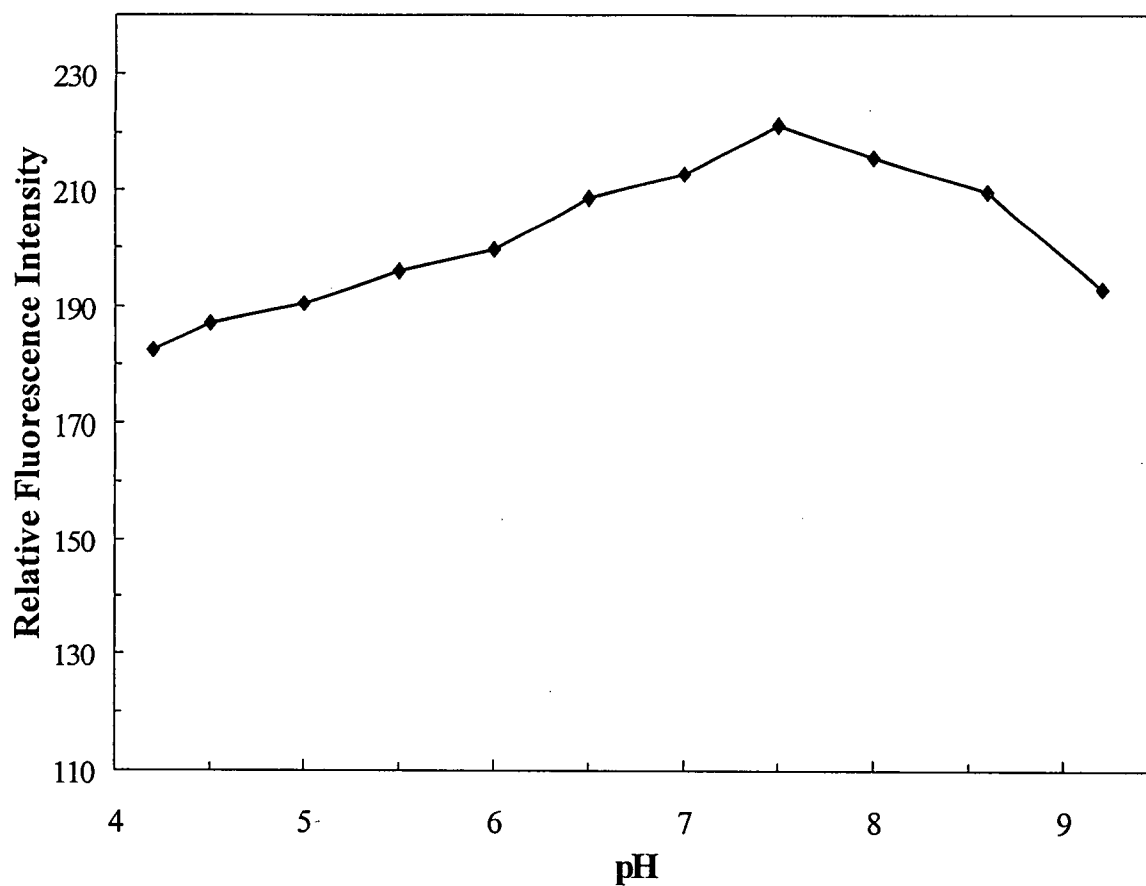


Supporting Information of MS# AC020736+



Schematic diagram of the flow-through cell constructed with immobilized cholesterol oxidase in sol-gel-ODS or PVA-HECMC-ODS matrices and an optical oxygen transducer. (1) Stainless steel cell body; (2) matrices of immobilized enzyme; (3) Teflon membrane; (4) optical oxygen-sensitive particles; (5) transparent window; (6) sample inlet; (7) sample outlet; (8) excitation light beam; and (9) emission light beam.



Effect of pH on the response of the sol-gel-ODS cholesterol biosensor.