

عنوان مقاله:

application of Nano Quantum particles to detect food - born

محل انتشار:

دومین کنفرانس بین المللی و سومین همایش ملی کاربرد فناوری های نوین در علوم مهندسی (سال: 1394)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

Rapid and simultaneous detection of multiple pathogenic bacteria in foods is of great importance to ensure food safety. The aim of this study is to develop a fluoroimmuno assay method using multicolor quantum dots (QDs) as fluorescent probes for simultaneous, sensitive, and rapid detection of three species of major pathogenic bacteria. The fluorescence intensities of the final complexes (measured at 504 nm, 557 nm and 604 nm respectively) have increased regularly with the increasing cell numbers of target bacteria.

کلمات کلیدی:

Quantum dots, detection, food- born

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/501849>

