

Article

Escherichia coli

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Escherichia coli

E. coli

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Escherichia coli

Escherichia coli

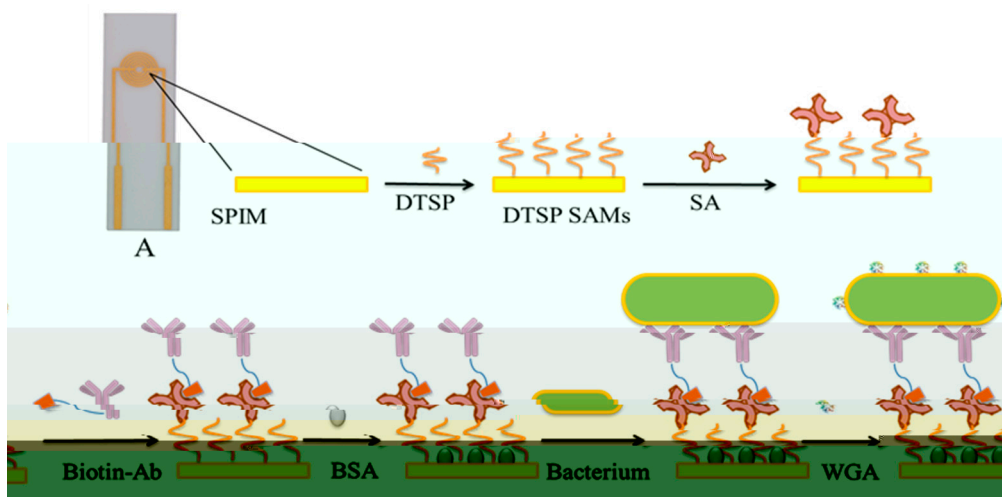
E. coli

E. coli

E. coli

E. coli

E. coli



μ

2.1. Apparatus and Reagents

μ

μ

Listeria monocytogenes

E. coli

Salmonella

, *E. coli*

E. coli

-

Ω

2.2. Preparation of Bacterial Samples

E. coli

μ

-

S.

E. coli

L. monocytogenes

-

2.3. Immunosensor Fabrication

μ

μ

μ

μ -

-

-

2.4. Bacteria Detection

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L. monocytogenes S

E. coli

2.5. Lectin Absorption

μ -

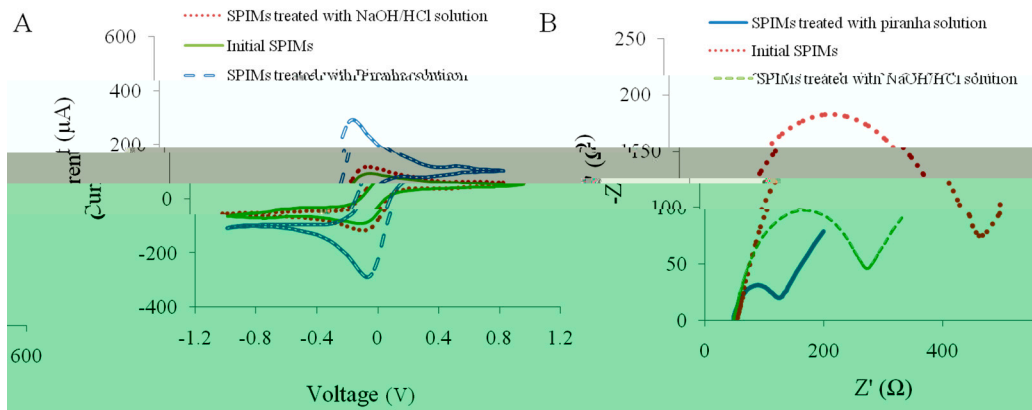
2.6. Regeneration of SPIMs

3.1. Characterization of the Microelectrodes

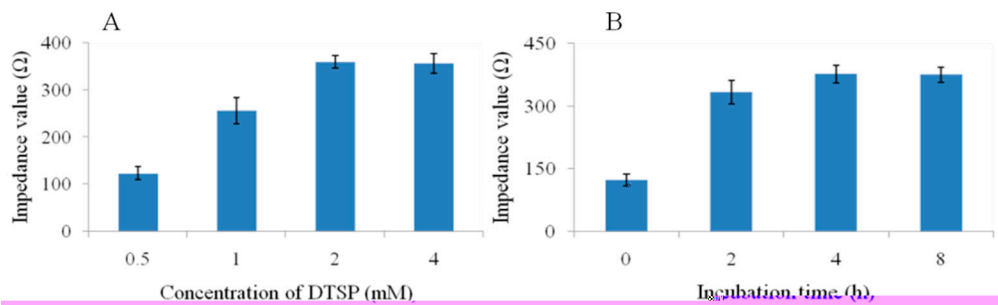
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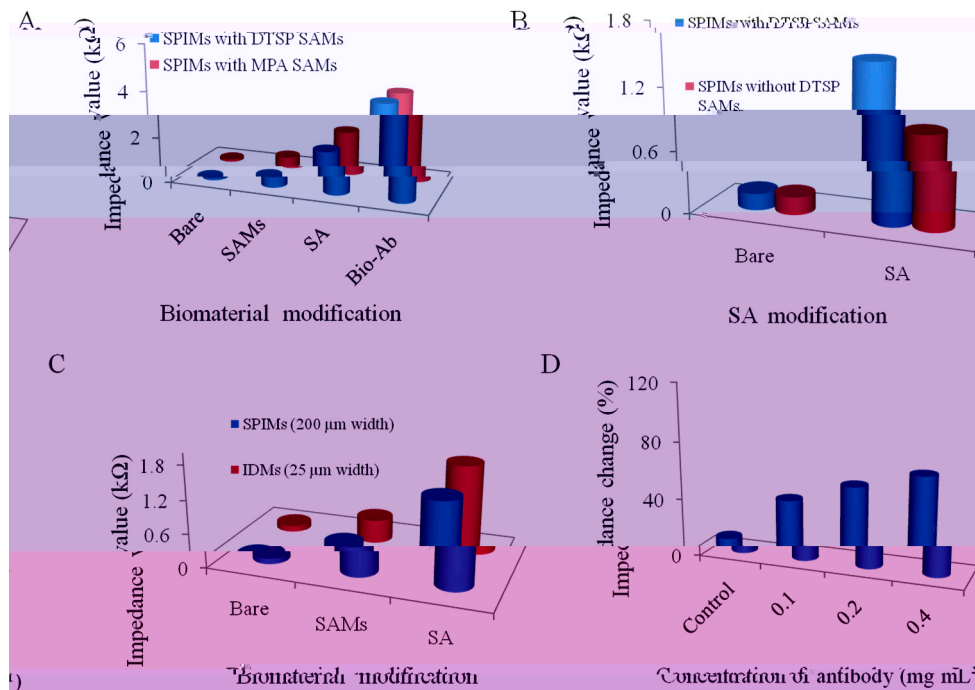
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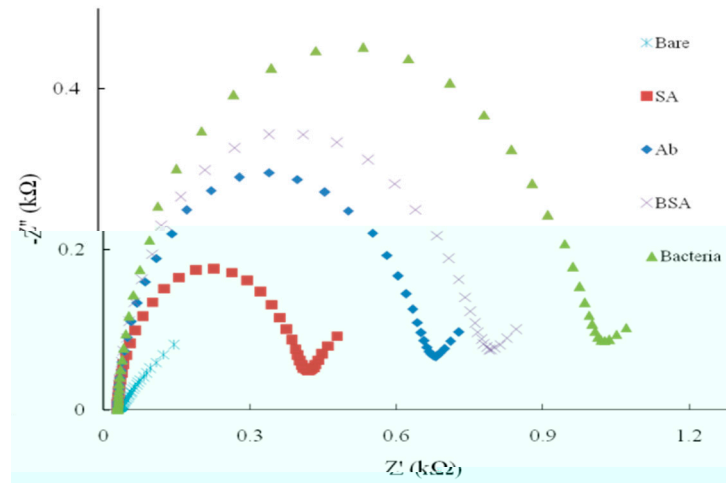
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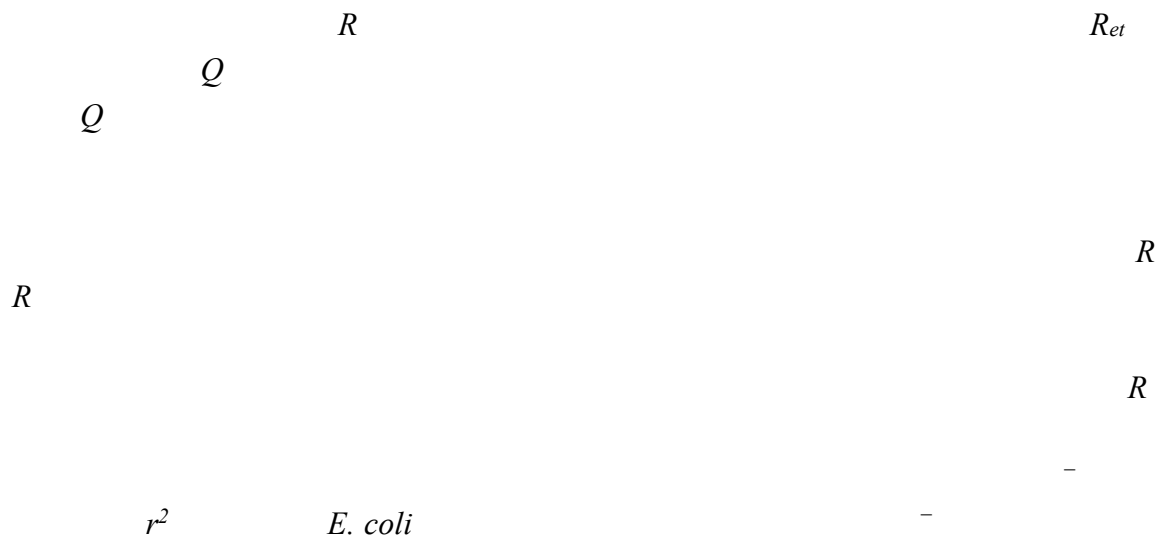


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E. coli

3.2. Detection and Signal Amplification



r^2

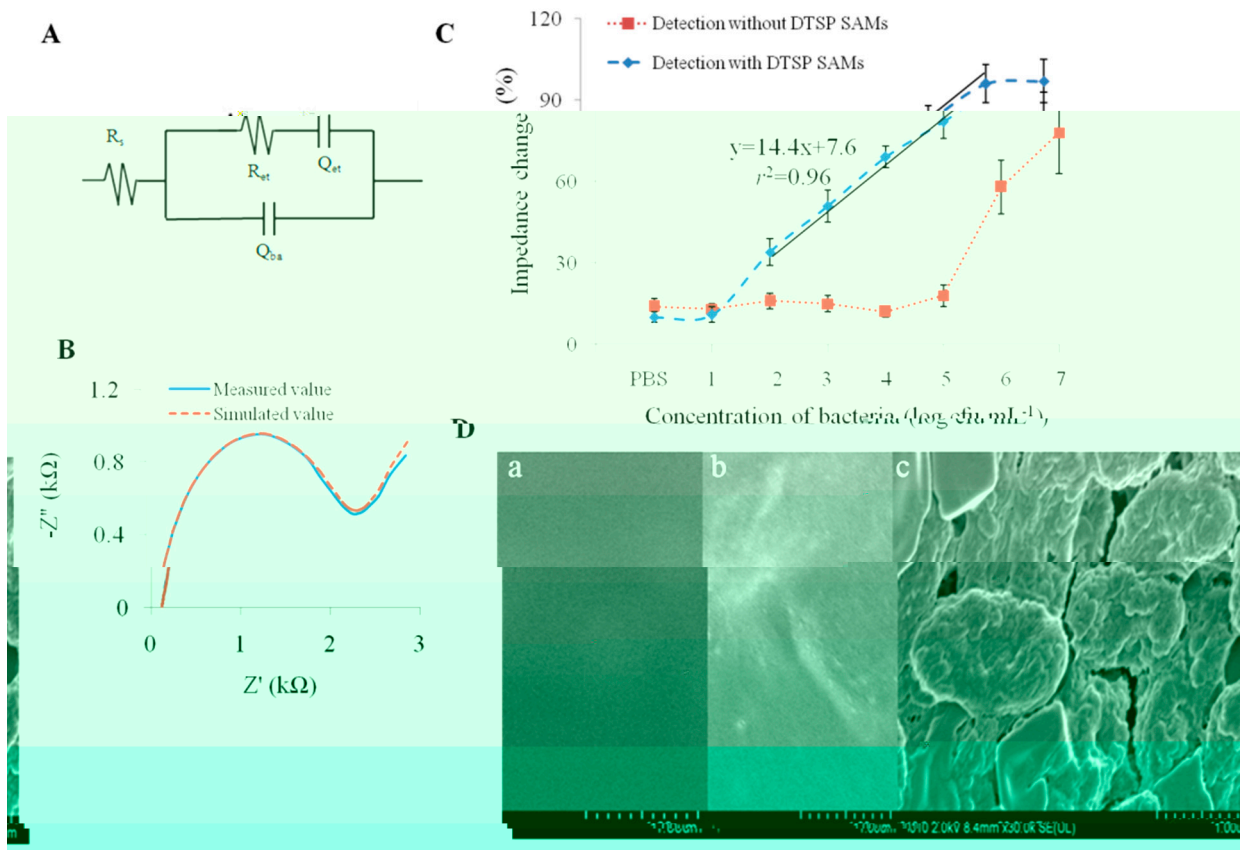
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E. coli *L. monocytogenes*

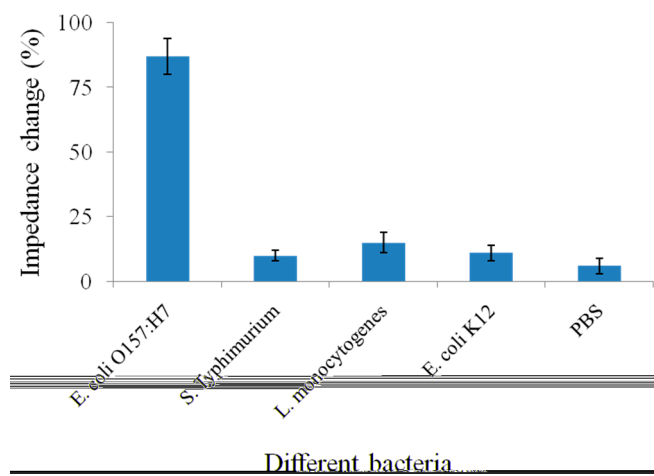
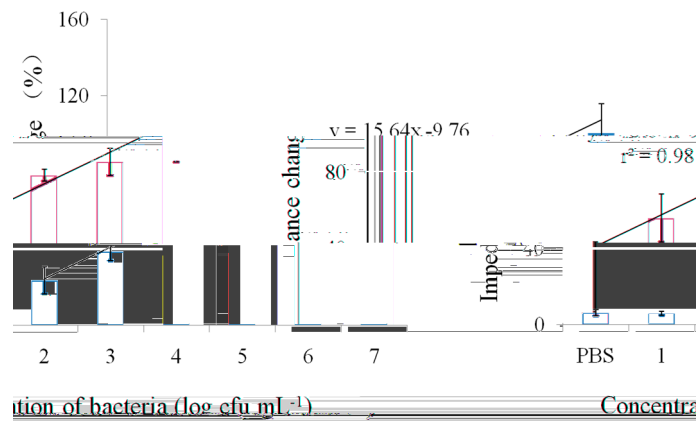
S.

E. coli

E. coli



E. coli



E. coli

E. coli

E. coli

- r^2

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Listeria monocytogenes

2008, 79
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