

Programmable strand displacement-based magnetic separation for simultaneous amplified detection of multiplex microRNAs by chemiluminescence imaging array

Shuzhen Yue, Tingting Zhao, Sai Bi, Zhipeng Zhang



www.elsevier.com/locate/bios

PII: S0956-5663(17)30445-1
DOI: <http://dx.doi.org/10.1016/j.bios.2017.06.060>
Reference: BIOS9830

To appear in: *Biosensors and Bioelectronics*

Received date: 22 March 2017
Revised date: 23 June 2017
Accepted date: 27 June 2017

Cite this article as: Shuzhen Yue, Tingting Zhao, Sai Bi and Zhipeng Zhang
Programmable strand displacement-based magnetic separation for simultaneous
amplified detection of multiplex microRNAs by chemiluminescence imaging
a r r a y , *Biosensors* and *Bioelectronics*
<http://dx.doi.org/10.1016/j.bios.2017.06.060>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain

Programmable strand displacement-based magnetic separation for
simultaneous amplified detection of multiplex microRNAs by
chemiluminescence imaging array

Shuzhen Yue^a, Tingting Zhao^b, Sai Bi^{a*}, Zhipeng Zhang^b

^aCollaborative Innovation Center for Marine Biomass Fiber, Materials and Textiles of Shandong Province, Shandong Sino-Japanese Center for Collaborative Research of Carbon Nanomaterials, Laboratory of Fiber Materials and Modern Textiles, the Growing Base for State Key Laboratory, College of Chemistry and Chemical Engineering, Qingdao University, Qingdao 266071, PR China

^bKey Laboratory of Sensor Analysis of Tumor Marker, Ministry of Education, College of Chemistry and Molecular Engineering, Qingdao University of Science and Technology, Qingdao 266042, PR China

*Corresponding author. bisai11@126.com

Download English Version:

<https://daneshyari.com/en/article/5030921>

Download Persian Version:

<https://daneshyari.com/article/5030921>

[Daneshyari.com](https://daneshyari.com)