

Accepted Manuscript

Notes & Tips

Comparison of weak affinity chromatography and surface plasmon resonance in determining affinity of small molecules

Minh-Dao Duong-Thi, Gunnar Bergström, Carl-Fredrik Mandenius, Maria Bergström, Tomas Fex, Sten Ohlson

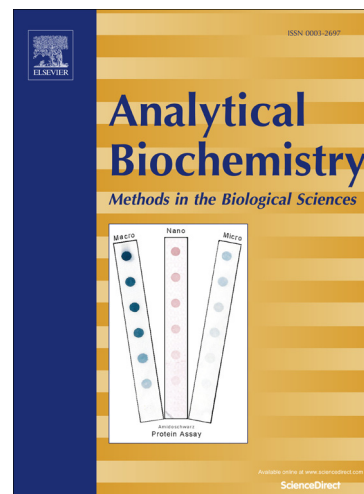
PII: S0003-2697(14)00242-5
DOI: <http://dx.doi.org/10.1016/j.ab.2014.05.023>
Reference: YABIO 11756

To appear in: *Analytical Biochemistry*

Received Date: 14 March 2014
Revised Date: 21 May 2014
Accepted Date: 26 May 2014

Please cite this article as: M-D. Duong-Thi, G. Bergström, C-F. Mandenius, M. Bergström, T. Fex, S. Ohlson, Comparison of weak affinity chromatography and surface plasmon resonance in determining affinity of small molecules, *Analytical Biochemistry* (2014), doi: <http://dx.doi.org/10.1016/j.ab.2014.05.023>

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 proof before it is published in its final 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.



**Comparison of weak affinity chromatography and surface plasmon resonance in determining
affinity of small molecules**

*Minh-Dao Duong-Thi^a, Gunnar Bergström^b, Carl-Fredrik Mandenius^b, Maria Bergström^a, Tomas Fex^c
and Sten Ohlson^{d*}*

^aDepartment of Chemistry and Biomedical Sciences, Linnaeus University, SE-391 82 Kalmar, Sweden

^bDivision of Biotechnology/IFM, Linköping University, SE-581 83 Linköping, Sweden

^cDepartment of Chemistry, Medicinal Chemistry, University of Gothenburg, SE-412 96 Göteborg,
Sweden

^dSchool of Biological Sciences, Nanyang Technological University, Singapore 637551, Singapore

*To whom correspondence should be addressed: Prof. Sten Ohlson, School of Biological Sciences,
Nanyang Technological University, Singapore 637551, Singapore. Email: sohlson@ntu.edu.sg. Tel:
+65 6316 7866.

Running title: WAC vs SPR in determining affinity of small molecules

Subject category: Chromatographic Techniques

Download English Version:

<https://daneshyari.com/en/article/7559167>

Download Persian Version:

<https://daneshyari.com/article/7559167>

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