

## Accepted Manuscript

Title: Optimization And Validation Of a Chiral GC-MS Method For the Determination of Free D-Amino Acids Ratio in Human Urine. Application to a Gestational Diabetes Mellitus Study

Author: M<sup>a</sup> Paz Lorenzo Danuta Dudzik Elena Varas Manuel Gibellini M. Skotnicki M. Zorawski W. Zarzycki Federica Pellati Antonia García

PII: S0731-7085(15)00025-4  
DOI: <http://dx.doi.org/doi:10.1016/j.jpba.2015.01.015>  
Reference: PBA 9898

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 1-9-2014  
Revised date: 6-1-2015  
Accepted date: 7-1-2015

Please cite this article as: M.P. Lorenzo, D. Dudzik, E. Varas, M. Gibellini, M. Skotnicki, M. Zorawski, W. Zarzycki, F. Pellati, A. García, Optimization And Validation Of a Chiral GC-MS Method For the Determination of Free D-Amino Acids Ratio in Human Urine. Application to a Gestational Diabetes Mellitus Study, *Journal of Pharmaceutical and Biomedical Analysis* (2015), <http://dx.doi.org/10.1016/j.jpba.2015.01.015>

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.



**OPTIMIZATION AND VALIDATION OF A CHIRAL GC-MS METHOD  
FOR THE DETERMINATION OF FREE D-AMINO ACIDS RATIO IN HUMAN URINE.  
APPLICATION TO A GESTATIONAL DIABETES MELLITUS STUDY**

M<sup>a</sup> Paz Lorenzo<sup>1</sup>, Danuta Dudzik<sup>1,2</sup>, Elena Varas<sup>1</sup>, Manuel Gibellini<sup>3</sup>, M. Skotnicki<sup>2</sup>, M. Zorawski<sup>4</sup>,  
W. Zarzycki<sup>5</sup>, Federica Pellati<sup>3</sup>, Antonia García<sup>1,\*</sup>

<sup>1</sup>Center for Metabolomics and Bioanalysis (CEMBIO), Facultad de Farmacia,  
Universidad CEU San Pablo, Madrid, Spain.

<sup>2</sup>Clinical Department of Perinatology, Public Clinic Hospital, Medical University of Bialystok,  
Bialystok, Poland.

<sup>3</sup>Department of Life Sciences, University of Modena and Reggio Emilia,  
Via G. Campi 183, 41125 Modena, Italy.

<sup>4</sup>Department of Pharmacology, Medical University of Bialystok, Bialystok, Poland.

<sup>5</sup>Clinical Department of Endocrinology, Diabetology and Internal Diseases, Public Clinic Hospital,  
Medical University of Bialystok, Bialystok, Poland.

\*Corresponding author:

Prof. Antonia García

CEMBIO (Center for Metabolomics and Bioanalysis)

Facultad de Farmacia, Universidad CEU San Pablo

Campus Monteprincipe

Boadilla del Monte, 28668 Madrid (Spain)

Tel: +34913724753

Fax: +34913724712

E-mail: antogar@ceu.es

Download English Version:

<https://daneshyari.com/en/article/7630268>

Download Persian Version:

<https://daneshyari.com/article/7630268>

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