

Accepted Manuscript

Title: Qualitative and quantitative comparison of cyclic phosphatidic acid and its related lipid species in rat serum using hydrophilic interaction liquid chromatography with tandem-mass spectrometry

Authors: Keiko Fukasawa, Shingo Nakajima, Mari Gotoh, Seiya Tanaka, Hiromu Murofushi, Kimiko Murakami-Murofushi

PII: S0021-9673(18)30853-7
DOI: <https://doi.org/10.1016/j.chroma.2018.07.010>
Reference: CHROMA 359522

To appear in: *Journal of Chromatography A*

Received date: 4-4-2018
Revised date: 26-6-2018
Accepted date: 2-7-2018

Please cite this article as: Fukasawa K, Nakajima S, Gotoh M, Tanaka S, Murofushi H, Murakami-Murofushi K, Qualitative and quantitative comparison of cyclic phosphatidic acid and its related lipid species in rat serum using hydrophilic interaction liquid chromatography with tandem-mass spectrometry, *Journal of Chromatography A* (2018), <https://doi.org/10.1016/j.chroma.2018.07.010>

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.



Title

Qualitative and quantitative comparison of cyclic phosphatidic acid and its related lipid species in rat serum using hydrophilic interaction liquid chromatography with tandem-mass spectrometry

Authors

Keiko Fukasawa^{1,a,#}, Shingo Nakajima^{1,b,#}, Mari Gotoh², Seiya Tanaka³, Hiromu Murofushi^{1,a}, Kimiko Murakami-Murofushi^{1,a,*}

Affiliations

¹ Endowed Research Division of Human Welfare Sciences, Ochanomizu University, Tokyo, Japan

² Institute for Human Life Innovation, Ochanomizu University, Tokyo, Japan

³ Division of Applied Bioscience, Graduate School of Agriculture, Hokkaido University, Sapporo, Japan

***Corresponding author**

Kimiko Murakami-Murofushi

Endowed Research Division of Human Welfare Sciences, Ochanomizu University, Tokyo, Japan, 2-1-1, Ohtsuka, Bunkyo-ku, Tokyo, 112-8610, Japan

Tel: +81-3-5978-2568, Fax: +81-3-5978-2568

Email: murofushi.kimiko@ocha.ac.jp

Statement of Author's Contributions to Manuscript

K. F., S. N., and M. G. designed research; K. F., S. N., and S. T. conducted research and analyzed data; K. F. and S. N. mainly wrote the manuscript. M. G., H. M., and K. M-M. revised the manuscript. K. M-M. had primary responsibility for final content. All authors read and approved the final manuscript. #K. F. and S. N. contributed equally to the present study.

^a Present address: Ochadai Academic Production, Ochanomizu University, Tokyo, Japan

Download English Version:

<https://daneshyari.com/en/article/7607482>

Download Persian Version:

<https://daneshyari.com/article/7607482>

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