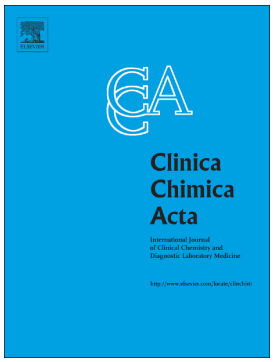
Accepted Manuscript



Analytes related to erythrocyte metabolism are reliable biomarkers for preanalytical error due to delayed plasma processing in metabolomics studies

Mahim Jain, Adam D. Kennedy, Sarah H. Elsea, Marcus J. Miller

PII: S0009-8981(17)30005-0
DOI: doi: 10.1016/j.cca.2017.01.005
Reference: CCA 14622

To appear in: *Clinica Chimica Acta*

Received date: 1 November 2016
Revised date: 14 December 2016
Accepted date: 5 January 2017

Please cite this article as: Mahim Jain, Adam D. Kennedy, Sarah H. Elsea, Marcus J. Miller , Analytes related to erythrocyte metabolism are reliable biomarkers for preanalytical error due to delayed plasma processing in metabolomics studies. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Cca(2017), doi: 10.1016/j.cca.2017.01.005

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.

ACCEPTED MANUSCRIPT

Analytes Related to Erythrocyte Metabolism are Reliable Biomarkers for Preanalytical Error Due to Delayed Plasma Processing in Metabolomics Studies

Mahim Jain[a], Adam D. Kennedy[b], Sarah H. Elsea[a], Marcus J. Miller[a]

[a]Dept. of Molecular and Human Genetics, Medical Genetics Laboratory, Baylor College of Medicine, Houston, TX ; [b]Metabolon Inc., Durham, NC

*Correspondence should be addressed to: Marcus J. Miller, Ph.D, FACMG, Department of Molecular and Human Genetics, One Baylor Plaza, NAB2015, Baylor College of Medicine Houston, TX 77030. Phone: 713-798-7978, Fax: 713-798-6584, Email: marcusm@bcm.edu

Nonstandard abbreviations: FDR, false discovery rate; PCA, principal components analysis; NIPALS, non-linear iterative partial least squares.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/5509746

Download Persian Version:

https://daneshyari.com/article/5509746

Daneshyari.com