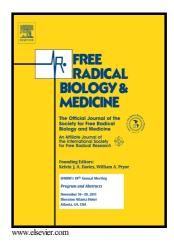
Author's Accepted Manuscript

A high-sensitivity electrochemiluminescence-based ELISA for the measurement of the oxidative stress biomarker, 3-nitrotyrosine, in human blood serum and cells

Annie R. Knight, Emma Taylor, Roman Lukaszewski, Karina Tveen Jensen, Helen E. Jones, Jane E. Carré, Michail N. Isupov, Jennifer A. Littlechild, Stephen J. Bailey, Emily Brewer, Timothy J. McDonald, Andrew R. Pitt, Corinne M. Spickett, Paul G. Winyard



 PII:
 S0891-5849(18)30129-1

 DOI:
 https://doi.org/10.1016/j.freeradbiomed.2018.03.026

 Reference:
 FRB13673

To appear in: Free Radical Biology and Medicine

Received date: 4 October 2017 Revised date: 13 March 2018 Accepted date: 14 March 2018

Cite this article as: Annie R. Knight, Emma Taylor, Roman Lukaszewski, Karina Tveen Jensen, Helen E. Jones, Jane E. Carré, Michail N. Isupov, Jennifer A. Littlechild, Stephen J. Bailey, Emily Brewer, Timothy J. McDonald, Andrew R. Pitt, Corinne M. Spickett and Paul G. Winyard, A high-sensitivity electrochemiluminescence-based ELISA for the measurement of the oxidative stress biomarker, 3-nitrotyrosine, in human blood serum and cells, *Free Radical Biology and Medicine*, https://doi.org/10.1016/j.freeradbiomed.2018.03.026

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.

ACCEPTED MANUSCRIPT

A high-sensitivity electrochemiluminescence-based ELISA for the measurement of the oxidative stress biomarker, 3-nitrotyrosine, in human blood serum and cells

Annie R Knight^a, Emma Taylor^a, Roman Lukaszewski^b, Karina Tveen Jensen^c, Helen E Jones^b, Jane E. Carré^a, Michail N Isupov^d, Jennifer A Littlechild^d, Stephen J Bailey^e, Emily Brewer^f, Timothy J McDonald^f, Andrew R Pitt^c, Corinne M Spickett^c, Paul G Winyard^{a,*}

^a University of Exeter Medical School, St Luke's Campus, Magdalen Road, Exeter, EX1 2LU, UK

^b CBR Division, Dstl, Porton Down, Salisbury, SP4 0JQ, UK

c School of Life & Health Sciences, Aston University, Aston Triangle, Birmingham, B4 7ET, UK

^d Henry Wellcome Building for Biocatalysis, Biosciences, University of Exeter, Stocker Road, Exeter, EX4 4QD, UK

^e Sport and Health Sciences, Richards Building, University of Exeter, St Luke's Campus, Magdalen Road, Exeter, EX1 2LU, UK

^f Clinical Chemistry, Royal Devon & Exeter NHS Foundation Trust, Barrack Road, Exeter, EX2 5DW, UK

^{*} Author for correspondence: p.g.winyard@exeter.ac.uk

Download English Version:

https://daneshyari.com/en/article/8265618

Download Persian Version:

https://daneshyari.com/article/8265618

Daneshyari.com