

CORRECTION

Open Access



Correction to: Determination of serum 25-hydroxyvitamin D status among population in southern China by a high accuracy LC-MS/MS method traced to reference measurement procedure

Zhiliang Cai^{1,2} , Qiaoxuan Zhang^{1,2}, Ziqiang Xia^{1,2}, Songbai Zheng³, Lilan Zeng³, Liqiao Han¹, Jun Yan¹, Peifeng Ke¹, Junhua Zhuang¹, Xinzhong Wu^{1*} and Xianzhang Huang^{1*}

Correction to:

Cai et al. *Nutrition & Metabolism* (2020) 17:8
<https://doi.org/10.1186/s12986-020-0427-7>

Following the publication of the original article [1], the authors identified errors in LC-MS/MS conditions section and Table 1. The changes have been highlighted in **bold typeface**.

The sentence currently reads:

The selected reaction monitoring transitions were m/z 383.3 → 365.1 [25(OH)D₃], m/z 383.3 → 257.2

[3-epi-25(OH)D₃], m/z 386.3 → 368.1 [25(OH)D₃-d₃], m/z 395.3 → 119.3 [25(OH)D₂], m/z 395.3 → 377.3 [3-epi-25(OH)D₂] and m/z 398.3 → 380.3 [25(OH)D₂-d₂].

The sentence should read:

The selected reaction monitoring transitions were m/z 383.3 → 365.1 [25(OH)D₃], m/z 383.3 → 257.2 [3-epi-25(OH)D₃], **m/z 388.3 → 370.1 [25(OH)VD₃-¹³C₅]**, m/z 395.3 → 119.3 [25(OH)D₂], m/z 395.3 → 377.3 [3-epi-25(OH)D₂] and m/z 398.3 → 380.3 [25(OH)VD₂-d₃].

The original article can be found online at <https://doi.org/10.1186/s12986-020-0427-7>.

*Correspondence: wuxinzhong5054@163.com; huangxz020@163.com

¹ Department of Laboratory Medicine, The Second Affiliated Hospital of Guangzhou University of Chinese Medicine, Guangzhou, China
Full list of author information is available at the end of the article



© The Author(s) 2021. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

Table 1 Conditions of triple quadrupole MS

Compound	Average mass	Precursor ion (m/z)	Preduct ion (m/z)	Cone (V)	CE(V)
25(OH)VD ₃	400.6	383.3	257.2 (Q) 365.1 (I)	25 24	15 15
25(OH)VD₃-¹³C₅	405.6	388.3	370.1	26	15
25(OH)VD ₂	412.7	395.3	119.4 (Q) 377.3 (I)	26 26	20 10
25(OH)VD₂-d₃	415.7	398.3	380.3	26	15

CE collision energy, Q transition used for quantification, I transition used for identification

The author group has been updated above and the original article [1] has been corrected.

Author details

¹ Department of Laboratory Medicine, The Second Affiliated Hospital of Guangzhou University of Chinese Medicine, Guangzhou, China. ² Second Clinical Medical College, Guangzhou University of Chinese Medicine, Guangzhou 510120, China. ³ Guangzhou Huayin Medical Laboratory Center, Guangzhou, China.

Published online: 09 April 2021

Reference

1. Cai, et al. Determination of serum 25-hydroxyvitamin D status among population in southern China by a high accuracy LC-MS/MS method traced to reference measurement procedure. *Nutr Metab.* 2020;17:8. <https://doi.org/10.1186/s12986-020-0427-7>.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Ready to submit your research? Choose BMC and benefit from:

- fast, convenient online submission
- thorough peer review by experienced researchers in your field
- rapid publication on acceptance
- support for research data, including large and complex data types
- gold Open Access which fosters wider collaboration and increased citations
- maximum visibility for your research: over 100M website views per year

At BMC, research is always in progress.

Learn more biomedcentral.com/submissions

