



[to be date of distribution]

Product Correction Notice

Dear Valued bioMérieux Customer,

Our records indicate that your laboratory performs blood culture testing using the BACT/ALERT® VIRTUO® system.

Reference #	Product Name
411660	BACT/ALERT® VIRTUO® A Unit
411661	BACT/ALERT® VIRTUO® B Unit
419947	BACT/ALERT® VIRTUO® A Unit - China
423444	BACT/ALERT® VIRTUO® B Unit - China

Description of Issue:

bioMérieux has received customer reports where, after extending the maximum test incubation time (MTT) via the Laboratory Information System (LIS) on a BACT/ALERT® VIRTUO® R2.0 with MYLA®, the corresponding culture bottles were discharged at the original completion time instead of the modified completion time.

The bioMérieux investigation could not duplicate the described behavior. However, evaluation concluded the root cause to be a VIRTUO Software/Firmware timing anomaly whereby the processing of multiple software actions, following a new bottle scan, within a one (1) second time interval may lead to a MTT discrepancy.

For VIRTUO systems with a MYLA and/or Bi-Directional Communication Interface (BCI), the culture bottle MTT can be modified in two (2) ways:

1. via LIS download (through BCI to MYLA to VIRTUO)
2. manually at the VIRTUO instrument (refer to the VIRTUO System User Manual – Rel 2.0)
 - In the **Max Test Time (Days)** field, enter a test time value from 0.5 to 70 in increments of 0.5 days.
 - **Save** and **Cancel** are now active. **Revert** appears next to the field.
 - Select **Save**.

Based on the described anomaly, only option #2 (manual modification at the instrument) is consistently reliable at this time. This anomaly is planned for resolution in VIRTUO System Release 3.0 Update.

NOTE: VIRTUO Standalone systems have only the manual MTT change capability.

Impact to patient/user:

If a sample is processed for less time (T) than defined (D), and the bottle would have gone positive during the missing time period (D - T), then a false negative result could be reported.

The VIRTUO provides the user with the capability to manually modify the MTT for each bottle at the VIRTUO instrument, preventing/overriding the need for LIS download of MTT modifications.

Required Actions:

We request you take the following action at this time:

- Please confirm this letter has been distributed and reviewed by all appropriate personnel within your organization.
- Until VIRTUO Systems Release 3.0 Update is implemented on your system, please perform manual MTT modification at the VIRTUO instrument for any culture bottle requiring a different incubation period. If necessary, contact your local bioMérieux support for assistance.



- Complete the attached Acknowledgement Form to confirm receipt of this notice.
- Please store this letter with your bioMérieux documentation.

bioMérieux is committed to providing our customers with the highest quality products, and we apologize for any inconvenience this may have caused your business. If you have any questions or concerns, please contact your local bioMérieux representative.

Thank you for your continued use of bioMérieux products,

bioMérieux

[\[Enter Local Contact\]](#)



Attachment A: Acknowledgement Form

PRODUCT CORRECTION NOTICE

FCA - 4532 – VIRTUO® - Maximum Test Time (MTT) Anomaly

Customer Information:

Customer Account Number: _____ Organization Name: _____

Street Address: _____

City, State and Postal Code: _____

Contact Name: _____

Contact Title: _____

Phone Number: _____

Product Information:

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Questions:

	Yes	No
1. Have you read the enclosed Product Correction Notice regarding the BACT/ALERT® VIRTUO® Maximum Test Time (MTT) Anomaly?		
2. Will you follow the instructions and implement the actions as indicated in this Product Correction Notice? If no, please indicate the reason in the Comments section below.		
3. Have you received reports of illness or injury related to the BACT/ALERT® VIRTUO® Maximum Test Time (MTT) Anomaly?		

Comments:

Signature: _____

Date: _____

It is important that you complete this Acknowledgement Form and return it to bioMérieux.

Please fax this form to: [\[Enter Local Contact\]](#) To the attention of: [\[Enter Local Contact\]](#)