

IMPORTANT:

URGENT FIELD SAFETY NOTICE

BIOFIRE® Blood Culture Identification 2 (BCID2) Panel – Ref. Number RFIT-ASY-0147

Potential for *Candida tropicalis* ‘Not Detected’ results when testing the MMQCI FilmArray BCID2 Control Panel M416 with the BIOFIRE® Blood Culture Identification 2 (BCID2) Panel

To the attention of the Laboratory Medical Director

October 2023

bMx local contact information

(to be adapted at local level)

Our reference: FSCA 5788

Impacted products (to be adapted at local level if necessary including for names and ref #, local license #, name and address of manufacturer)			
Product Name	Reference Number	Lot Number/Serial Number/ Product version	Product Expiration Date (if applicable)
BIOFIRE® BCID2 Panel	RFIT-ASY-0147	N/A – all unexpired lots	N/A

Dear valued customer,

This letter is to inform you that bioMérieux has received reports of *C. tropicalis* ‘Not Detected’ results when testing the BIOFIRE® Blood Culture Identification 2 (BCID2) Panel (part number: RFIT-ASY-0147) with Maine Molecular Quality Controls, Inc (MMQCI) FilmArray BCID2 Control Panel M416.

Description of the issue

It is known that the design of the synthetic external quality control material in the MMQCI Panel generates a *C. tropicalis* amplicon with a higher melting temperature (Tm) than that observed for cultured isolates and clinical specimens. An investigation determined that there has been a small, systematic increase in melting temperatures observed across the BCID2 Panel due to years of BIOFIRE® panel and instrument manufacturing process improvements. Consequently, in some portion of test runs using the MMQCI material, the *C. tropicalis* synthetic control material is amplified but reported as ‘Not Detected’ because the Tm of the assay amplicon is outside the limit assigned to the assay.



At this time, there is no impact on the detection of *Candida tropicalis* nucleic acid from cultured isolates or patient samples and there is no indication that the BIOFIRE® BCID2 Panel is functioning out of specification with clinical specimens.

Impact to User/Customer/Patients

Routine quality control testing of the BIOFIRE® BCID2 Panel may need to be amended. If *C. tropicalis* ‘Not Detected’ results are observed when testing the MMQCI FilmArray BCID2 Control Panel M416, it is suggested that archived *C. tropicalis* samples or other whole organism or synthetic control materials are used to supplement the MMQCI FilmArray BCID2 Control Panel M416. Alternative commercial Quality Control materials for use with the BIOFIRE® BCID2 Panel are also available for external quality control testing. Refer to Table 1 for a list of alternative Quality Control Materials that may be used. Please refer to your lab’s Individualized Quality Control Plan (IQCP) for guidance on qualifying new lots of pouches.

A complete list of BIOFIRE Quality Control Materials and references, for Example IQCP Risk Analysis can be found in BIOFIRE QC Tech Note (FLM1-PRT-0251), available from bioMérieux customer support.

Table 1. *C. tropicalis*-specific Quality Control Materials for use with the BIOFIRE® BCID2 Panel

VENDOR	PRODUCT NAME	PART NUMBER
Maine Molecular Quality Controls, Inc	<i>Candida tropicalis</i> Positive Control M417-1	M417-1 ¹
Microbiologics	Blood Culture Identification Control Panel (43 Targets)	8254 ^{2,4}
Streck, Inc.	MDx-Chex™ for BCID2	250065 ^{3,4}

¹ RUO, Available mid-October 2023

² For in vitro Diagnostic Use; an FDA cleared Class I Unassayed Control

³ For in vitro Diagnostic Use; an FDA cleared class II Assayed Control

⁴ CE-IVD marked

Required actions

In this context, we request you to take the following actions. Please:

- Assess your Individualized Quality Control Plan (IQCP) and prepare for supplemental *C. tropicalis* testing if a *Candida tropicalis* ‘Not Detected’ result is reported when testing with the MMQCI FilmArray BCID2 Control Panel M416 and/or amend testing plans to include alternate Quality Control materials such as those in Table 1
- Distribute this information to all appropriate personnel in your laboratory, retain a copy in your files, and forward this information to all parties that may use this product, including others to whom you may have transferred our product.
- Complete the Acknowledgement Form in Attachment A and return it to *your local bioMérieux representative (to be adapted at local level)* to confirm receipt of this notice. It is important that you return the acknowledgement form to bioMérieux even if you determine that this urgent product correction notice/information/recommendation (*to be adapted based on issue*) does not impact your facility.



Local legal mentions to be added if necessary at local level (e.g. in case of recall, reporting to NCA, recall methods)

bioMérieux is committed to providing our customers with the highest quality product possible.

We sincerely apologize for any inconvenience that this may have caused you. If you require additional assistance or have any questions, please contact *your local bioMérieux Customer Service representative (to be adapted at local level)*.

Sincerely,

A handwritten signature in black ink that reads "Aneta Waliszewski".

Aneta Waliszewski
Senior Director, Quality SLC Sites



Attachment A: Acknowledgement Form.

URGENT FIELD SAFETY NOTICE

FSCA 5788 – BIOFIRE® BCID2 Panel – RFIT-ASY-0147 Potential for *Candida tropicalis* ‘Not Detected’ results when testing the MMQCI M416 with the BIOFIRE® BCID2 Panel

TO BE RETURNED TO YOUR *BIO MÉRIEUX* CUSTOMER SERVICE (TO BE ADAPTED AT LOCAL LEVEL)
AT THE FOLLOWING
FAX NUMBER: XXXXXXXX OR EMAIL ADDRESS: XXXXXXXX

Name and Address of the laboratory	
Contact information	
Customer Account Number	

Local legal mentions to be added if necessary at local level)

I am not impacted by the issue. Please provide rationale:

I have implemented the required actions.

REF #	Product Name	Batch #	Quantity received	Quantity used	Quantity destroyed	Quantity returned*
RFIT-ASY-0147	BIOFIRE® BCID2 Panel	N/A – all unexpired batches	N/A	N/A	N/A	N/A

* Quantity returned to bioMérieux or distributor

Have you encountered impact on patients’ results, or reports of illness or injury related to the identified issue?

Yes No

DATE.....SIGNATURE.....

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