

“significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. Since this is a routine matter that only affects air traffic procedures and air navigation, it is certified that this rule, when promulgated, does not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

#### Environmental Review

The FAA has determined that this action of vertically subdividing limits of existing restricted airspace within the current lateral and vertical limits qualifies for categorical exclusion under the National Environmental Policy Act and in accordance with FAA Order 1050.1F—Environmental Impacts: Policies and Procedures, Categorical Exclusions for Procedural Actions, paragraph 5–6.5d—Modification of the technical description of special use airspace (restricted areas) that does not alter the dimensions, altitudes, or times of designation of the airspace. Therefore, this airspace action is not expected to result in any significant environmental impacts. In accordance with FAAO 1050.1F, paragraph 5–2 regarding Extraordinary Circumstances, this action has been reviewed for factors and circumstances in which a normally categorically excluded action may have a significant environmental impact requiring further analysis, and it is determined that no extraordinary circumstances exist that warrant preparation of an environmental assessment.

#### List of Subjects in 14 CFR Part 73

Airspace, prohibited areas, restricted areas.

#### Adoption of the Amendment

In consideration of the foregoing, the Federal Aviation Administration amends 14 CFR part 73, as follows:

#### PART 73—SPECIAL USE AIRSPACE

■ 1. The authority citation for part 73 continues to read as follows:

**Authority:** 49 U.S.C. 106(f), 106(g); 40103, 40113, 40120; E.O. 10854, 24 FR 9565, 3 CFR, 1959–1963 Comp., p. 389.

#### § 73.30 [Amended]

■ 2. § 73.30 is amended as follows:

\* \* \* \* \*

#### R-3004A Fort Gordon, GA [Amended]

By removing the current designated altitudes and aircraft activity limitations and inserting the following in their places:

*Designated Altitudes.* Surface to but not including 3,500 feet MSL.

Aircraft activity is limited to the following terms and conditions:

1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).

2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.

3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

#### R-3004B Fort Gordon, GA [Amended]

By removing the current designated altitudes and aircraft activity limitations and inserting the following in their places:

*Designated Altitudes.* 3,500 feet MSL to but not including 7,000 feet MSL.

Aircraft activity is limited to the following terms and conditions:

1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).

2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.

3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

#### R-3004C Fort Gordon, GA [New]

*Boundaries.* Beginning at lat. 33°21'54" N., long. 82°12'14" W.; to lat. 33°19'44" N., long. 82°12'14" W.; to lat. 33°16'21" N., long. 82°17'59" W.; to lat. 33°17'30" N., long. 82°22'59" W.; to lat. 33°21'16" N., long. 82°18'46" W.; to lat. 33°22'16" N., long. 82°16'59" W.; to the point of beginning.

*Designated Altitudes.* 7,000 feet MSL to 16,000 feet MSL.

*Times of designation.* By NOTAM 24 hours in advance.

*Controlling agency.* FAA, Atlanta ARTCC.

*Using agency.* U.S. Army, Commanding Officer, Fort Gordon, GA.

Aircraft activity is limited to the following terms and conditions:

1. Aircraft activities must not be conducted on weekends, national holidays, or from the Sunday prior to the Masters Golf Tournament through the Monday after (and subsequent weather days if required).

2. Aircraft activities may only be conducted from the surface to 12,000 feet AGL.

3. Weather conditions required for aircraft activities are 5 miles visibility and with prevailing clouds or obscuring phenomena no greater than five-tenths coverage of the sky and bases no lower than 3,000 feet AGL.

Issued in Washington, DC, on September 19, 2017.

**Rodger A. Dean, Jr.,**

*Manager, Airspace Policy Group.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### Food and Drug Administration

#### 21 CFR Part 866

[Docket No. FDA-2017-N-5296]

#### Medical Devices; Immunology and Microbiology Devices; Classification of the Nucleic Acid-Based Device for the Amplification, Detection, and Identification of Microbial Pathogens Directly From Whole Blood Specimens

**AGENCY:** Food and Drug Administration, HHS.

**ACTION:** Final order.

**SUMMARY:** The Food and Drug Administration (FDA or we) is classifying the nucleic acid-based device for the amplification, detection, and identification of microbial pathogens directly from whole blood specimens into class II (special controls). The special controls that apply to the device type are identified in this order and will be part of the codified language for the nucleic acid-based device for the amplification, detection, and identification of microbial pathogens directly from whole blood specimens' classification. We are taking this action because we have determined that classifying the device into class II (special controls) will provide a reasonable assurance of safety and effectiveness of the device. We believe this action will also enhance patients' access to beneficial innovative devices, in part by reducing regulatory burdens.

**DATES:** This order is effective October 16, 2017. The classification was applicable on September 22, 2014.

**FOR FURTHER INFORMATION CONTACT:** Steven Tjoe, Center for Devices and Radiological Health, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 66, Rm. 4550, Silver Spring, MD 20993-0002, 301-796-5866, [steven.tjoe@fda.hhs.gov](mailto:steven.tjoe@fda.hhs.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. Background

Upon request, FDA has classified the nucleic acid-based device for the amplification, detection, and identification of microbial pathogens

directly from whole blood specimens as class II (special controls), which we have determined will provide a reasonable assurance of safety and effectiveness. In addition, we believe this action will enhance patients' access to beneficial innovation, in part by reducing regulatory burdens by placing the device into a lower device class than the automatic class III assignment.

The automatic assignment of class III occurs by operation of law and without any action by FDA, regardless of the level of risk posed by the new device. Any device that was not in commercial distribution before May 28, 1976, is automatically classified as, and remains within, class III and requires premarket approval unless and until FDA takes an action to classify or reclassify the device (see 21 U.S.C. 360c(f)(1)). We refer to these devices as "postamendments devices" because they were not in commercial distribution prior to the date of enactment of the Medical Device Amendments of 1976, which amended the Federal Food, Drug, and Cosmetic Act (the FD&C Act).

FDA may take a variety of actions in appropriate circumstances to classify or reclassify a device into class I or II. We may issue an order finding a new device to be substantially equivalent under section 513(i) of the FD&C Act to a predicate device that does not require premarket approval (see 21 U.S.C. 360c(i)). We determine whether a new device is substantially equivalent to a predicate by means of the procedures for premarket notification under section 510(k) of the FD&C Act and part 807 (21 U.S.C. 360(k) and 21 CFR part 807, respectively).

FDA may also classify a device through "De Novo" classification, a common name for the process authorized under section 513(f)(2) of the FD&C Act. Section 207 of the Food and Drug Administration Modernization Act of 1997 established the first procedure for De Novo classification (Pub. L. 105–115). Section 607 of the Food and Drug Administration Safety and Innovation

Act modified the De Novo application process by adding a second procedure (Pub. L. 112–144). A device sponsor may utilize either procedure for De Novo classification.

Under the first procedure, the person submits a 510(k) for a device that has not previously been classified. After receiving an order from FDA classifying the device into class III under section 513(f)(1) of the FD&C Act, the person then requests a classification under section 513(f)(2).

Under the second procedure, rather than first submitting a 510(k) and then a request for classification, if the person determines that there is no legally marketed device upon which to base a determination of substantial equivalence, that person requests a classification under section 513(f)(2) of the FD&C Act.

Under either procedure for De Novo classification, FDA is required to classify the device by written order within 120 days. The classification will be according to the criteria under section 513(a)(1) of the FD&C Act. Although the device was automatically within class III, the De Novo classification is considered to be the initial classification of the device.

We believe this De Novo classification will enhance patients' access to beneficial innovation, in part by reducing regulatory burdens. When FDA classifies a device into class I or II via the De Novo process, the device can serve as a predicate for future devices of that type, including for 510(k)s (see 21 U.S.C. 360c(f)(2)(B)(i)). As a result, other device sponsors do not have to submit a De Novo request or PMA in order to market a substantially equivalent device (see 21 U.S.C. 360c(i), defining "substantial equivalence"). Instead, sponsors can use the less-burdensome 510(k) process, when necessary, to market their device.

**II. De Novo Classification**

On May 27, 2014, T2 Biosystems, Inc., submitted a request for classification of

the T2Candida Panel and T2Dx® Instrument. FDA reviewed the request in order to classify the device under the criteria for classification set forth in section 513(a)(1) of the FD&C Act. We classify devices into class II if general controls by themselves are insufficient to provide reasonable assurance of safety and effectiveness, but there is sufficient information to establish special controls that, in combination with the general controls, provide reasonable assurance of the safety and effectiveness of the device for its intended use (see 21 U.S.C. 360c(a)(1)(B)). After review of the information submitted in the request, we determined that the device can be classified into class II with the establishment of special controls. FDA has determined that these special controls, in addition to general controls, will provide reasonable assurance of the safety and effectiveness of the device.

Therefore, on September 22, 2014, FDA issued an order to the requestor classifying the device into class II. FDA is codifying the classification of the device by adding 21 CFR 866.3960. We have named the generic type of device nucleic acid-based device for the amplification, detection, and identification of microbial pathogens directly from whole blood specimens, and it is identified as a qualitative in vitro device intended for the amplification, detection, and identification of microbial-associated nucleic acid sequences from patients with suspected bloodstream infections. This device is intended to aid in the diagnosis of bloodstream infection when used in conjunction with clinical signs and symptoms and other laboratory findings.

FDA has identified the following risks to health associated specifically with this type of device and the measures required to mitigate these risks in table 1.

**TABLE 1—NUCLEIC ACID-BASED DEVICE FOR THE AMPLIFICATION, DETECTION, AND IDENTIFICATION OF MICROBIAL PATHOGENS DIRECTLY FROM WHOLE BLOOD SPECIMENS RISKS AND MITIGATION MEASURES**

Identified risks	Mitigations measures
Incorrect identification of a pathogenic microorganism by the device can lead to improper patient management.	Special Controls (1), (2), (3), (4), and (5).
Failure to correctly interpret test results .....	Special Control (6).
Failure to correctly operate the instrument .....	Special Controls (7) and (8).

FDA has determined that special controls, in combination with the general controls, address these risks to health and provide reasonable assurance

of safety and effectiveness. In order for a device to fall within this classification, and thus avoid automatic classification in class III, it would have to comply

with the special controls named in this final order. The necessary special controls appear in the regulation codified by this order. This device is

subject to premarket notification requirements under section 510(k) of the FD&C Act.

### III. Analysis of Environmental Impact

The Agency has determined under 21 CFR 25.34(b) that this action is of a type that does not individually or cumulatively have a significant effect on the human environment. Therefore, neither an environmental assessment nor an environmental impact statement is required.

### IV. Paperwork Reduction Act of 1995

This final order establishes special controls that refer to previously approved collections of information found in other FDA regulations. These collections of information are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501–3520). The collections of information in part 807, subpart E, regarding premarket notification submissions have been approved under OMB control number 0910–0120, the collections of information in 21 CFR part 820 have been approved under OMB control number 0910–0073, and the collections of information in 21 CFR parts 801 and 809, regarding labeling have been approved under OMB control number 0910–0485.

### List of Subjects in 21 CFR Part 866

Biologics, Laboratories, Medical devices.

Therefore, under the Federal Food, Drug, and Cosmetic Act and under authority delegated to the Commissioner of Food and Drugs, 21 CFR part 866 is amended as follows:

### PART 866—IMMUNOLOGY AND MICROBIOLOGY DEVICES

■ 1. The authority citation for part 866 continues to read as follows:

**Authority:** 21 U.S.C. 351, 360, 360c, 360e, 360j, 360l, 371.

■ 2. Add § 866.3960 to subpart D to read as follows:

#### § 866.3960 Nucleic acid-based device for the amplification, detection, and identification of microbial pathogens directly from whole blood specimens.

(a) *Identification.* A nucleic acid-based device for the amplification, detection, and identification of microbial pathogens directly from whole blood specimens is a qualitative in vitro device intended for the amplification, detection, and identification of microbial-associated nucleic acid sequences from patients with suspected bloodstream infections.

This device is intended to aid in the diagnosis of bloodstream infection when used in conjunction with clinical signs and symptoms and other laboratory findings.

(b) *Classification.* Class II (special controls). The special controls for this device are:

(1) Premarket notification submissions must include detailed device description documentation, including the device components, ancillary reagents required but not provided, and a detailed explanation of the methodology, including primer/probe sequence, design, and rationale for sequence selection.

(2) Premarket notification submissions must include detailed documentation from the following analytical and clinical performance studies: Analytical sensitivity (limit of detection), reactivity, inclusivity, precision, reproducibility, interference, cross reactivity, carryover, and cross contamination.

(3) Premarket notification submissions must include detailed documentation from a clinical study. The study, performed on a study population consistent with the intended use population, must compare the device performance to results obtained from well-accepted reference methods.

(4) Premarket notification submissions must include detailed documentation for device software, including, but not limited to, software applications and hardware-based devices that incorporate software.

(5) The device labeling must include limitations regarding the need for culture confirmation of negative specimens, as appropriate.

(6) A detailed explanation of the interpretation of results and acceptance criteria must be included in the device's 21 CFR 809.10(b)(9) compliant labeling.

(7) Premarket notification submissions must include details on an end user device training program that will be offered while marketing the device, as appropriate.

(8) As part of the risk management activities performed as part of your 21 CFR 820.30 design controls, you must document an appropriate end user device training program that will be offered as part of your efforts to mitigate the risk of failure to correctly operate the instrument.

Dated: October 10, 2017.

**Anna K. Abram,**

*Deputy Commissioner for Policy, Planning, Legislation, and Analysis.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### Food and Drug Administration

#### 21 CFR Part 866

[Docket No. FDA–2017–N–5714]

### Medical Devices; Immunology and Microbiology Devices; Classification of the Automated Image Assessment System for Microbial Colonies on Solid Culture Media

**AGENCY:** Food and Drug Administration, HHS.

**ACTION:** Final order.

**SUMMARY:** The Food and Drug Administration (FDA or we) is classifying the automated image assessment system for microbial colonies on solid culture media into class II (special controls). The special controls that apply to the device type are identified in this order and will be part of the codified language for the automated image assessment system for microbial colonies on solid culture media's classification. We are taking this action because we have determined that classifying the device into class II (special controls) will provide a reasonable assurance of safety and effectiveness of the device. We believe this action will also enhance patients' access to beneficial innovative devices, in part by reducing regulatory burdens.

**DATES:** This order is effective October 16, 2017. The classification was applicable on October 6, 2016.

**FOR FURTHER INFORMATION CONTACT:** Steven Tjoe, Center for Devices and Radiological Health, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 66, Rm. 4550, Silver Spring, MD 20993–0002, 301–796–5866  
*Steven.Tjoe@fda.hhs.gov.*

#### SUPPLEMENTARY INFORMATION:

##### I. Background

Upon request, FDA has classified the automated image assessment system for microbial colonies on solid culture media as class II (special controls), which we have determined will provide a reasonable assurance of safety and effectiveness. In addition, we believe this action will enhance patients' access to beneficial innovation, in part by reducing regulatory burdens by placing the device into a lower device class than the automatic class III assignment.

The automatic assignment of class III occurs by operation of law and without any action by FDA, regardless of the level of risk posed by the new device. Any device that was not in commercial