

thereafter be published continuously in the Chart Supplement.

**AGL MN D St. Cloud, MN [Amended]**

St. Cloud Regional Airport, MN  
(Lat. 45°32'46" N, long. 94°03'34" W)

That airspace extending upward from the surface to and including 3,500 feet MSL within a 4.2-mile radius of the St. Cloud Regional Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective dates and times will thereafter be continuously published in the Chart Supplement.

*Paragraph 6002 Class E Airspace Designated as a Surface Area.*

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**AGL MN E2 Rochester, MN [Amended]**

Rochester International Airport, MN  
(Lat. 43°54'30" N, long. 92°30'00" W)

Within a 4.4-mile radius of Rochester International Airport. This Class E airspace area is effective during the specific dates and times established by a Notice to Airmen. The effective dates and times will thereafter be continuously published in the Chart Supplement.

**AGL MN E2 St. Cloud, MN [Amended]**

St. Cloud Regional Airport, MN  
(Lat. 45°32'46" N, long. 94°03'34" W)

Within a 4.2-mile radius of St. Cloud Regional Airport. This Class E airspace area is effective during the specific dates and times established by a Notice to Airmen. The effective dates and times will thereafter be continuously published in the Chart Supplement.

*Paragraph 6004 Class E Airspace Areas Designated as an Extension to a Class D or Class E Surface Area.*

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**AGL MN E4 Rochester, MN [Removed]**

**AGL MN E4 St. Cloud, MN [Amended]**

St. Cloud Regional Airport, MN  
(Lat. 45°32'46" N, long. 94°03'34" W)

St. Cloud VOR/DME  
(Lat. 45°32'58" N, long. 94°03'31" W)

That airspace extending upward from the surface within 2.4 miles each side of St. Cloud VOR/DME 140° radial extending from the 4.2-mile radius of St. Cloud Regional Airport to 7 miles southeast of the St. Cloud VOR/DME.

*Paragraph 6005 Class E Airspace Areas Extending Upward From 700 Feet or More Above the Surface of the Earth.*

\* \* \* \* \*

**AGL MN E5 Rochester, MN [Amended]**

Rochester International Airport, MN  
(Lat. 43°54'30" N, long. 92°30'00" W)

Rochester Intl.: RWY 31-LOC  
(Lat. 43°55'19" N, long. 92°30'54" W)

Rochester Intl.: RWY 13-LOC  
(Lat. 43°54'06" N, long. 92°29'02" W)

Mayo Clinic-St. Mary's Hospital, MN  
(Lat. 44°01'11" N, long. 92°28'59" W)

That airspace extending upward from 700 feet above the surface within a 6.9-mile

radius of the Rochester International Airport, and within 2 miles each side of the 132° bearing from the Rochester International Airport extending from the 6.9-mile radius of Rochester International Airport to 10.9 miles southeast of Rochester International Airport, and within 4 miles each side of the 132° bearing from the Rochester Intl.: RWY 31-LOC extending from the 6.9-mile radius of Rochester International Airport to 7.5 miles southeast of Rochester International Airport, and within 3.9 miles each side of the 312° bearing from the Rochester Intl.: RWY 13-LOC extending from the 6.9-mile radius of Rochester International Airport to 11.4 miles northwest of Rochester International Airport, and within a 6.4-mile radius of the Mayo Clinic-St. Mary's Hospital.

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**AGL MN E5 St. Cloud, MN [Amended]**

St. Cloud Regional Airport, MN  
(Lat. 45°32'46" N, long. 94°03'34" W)

St. Cloud VOR/DME  
(Lat. 45°32'58" N, long. 94°03'31" W)

That airspace extending upward from 700 feet above the surface within a 6.7-mile radius of St. Cloud Regional Airport, and within 2.4 miles each side of the St. Cloud VOR/DME 140° extending from the 6.7-mile radius of the airport to 7 miles southeast of the St. Cloud VOR/DME.

Issued in Fort Worth, Texas, on January 31, 2022.

**Martin A. Skinner,**

*Acting Manager, Operations Support Group,  
ATO Central Service Center.*

[FR Doc. 2022-02276 Filed 2-3-22; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Food and Drug Administration**

**21 CFR Part 866**

[Docket No. FDA-2021-N-0807]

**Medical Devices; Immunology and Microbiology Devices; Classification of the System for Detection of Microorganisms and Antimicrobial Resistance Using Reporter Expression**

**AGENCY:** Food and Drug Administration, Department of Health and Human Services (HHS).

**ACTION:** Final amendment; final order.

**SUMMARY:** The Food and Drug Administration (FDA or we) is classifying the system for detection of microorganisms and antimicrobial resistance using reporter expression 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 system for detection of microorganisms and antimicrobial resistance using

reporter expression'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.

**DATES:** This order is effective February 4, 2022. The classification was applicable on December 5, 2019.

**FOR FURTHER INFORMATION CONTACT:** Tobin Hellyer, Center for Devices and Radiological Health, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 66, Rm. 3272, Silver Spring, MD 20993-0002, 301-796-6154, [Tobin.Hellyer@fda.hhs.gov](mailto:Tobin.Hellyer@fda.hhs.gov).

**SUPPLEMENTARY INFORMATION:**

**I. Background**

Upon request, FDA has classified the system for detection of microorganisms and antimicrobial resistance using reporter expression 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 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 (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 (21 U.S.C. 360c(i)) to a predicate device that does not require premarket approval. We determine whether a new device is substantially equivalent to a predicate device by means of the procedures for premarket notification under section 510(k) of the FD&C Act (21 U.S.C. 360(k)) and part 807 (21 CFR part 807).

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 placed 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. 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 premarket approval application 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 March 19, 2019, FDA received Roche Molecular Systems, Inc.’s request for De Novo classification of the cobas vivoDx MRSA. 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 the general controls, will provide reasonable assurance of the safety and effectiveness of the device.

Therefore, on December 5, 2019, FDA issued an order to the requester classifying the device into class II. In this final order, FDA is codifying the classification of the device by adding 21 CFR 866.1655.<sup>1</sup> We have named the generic type of device system for detection of microorganisms and antimicrobial resistance using reporter expression, and it is identified as an in vitro diagnostic device intended for the detection and identification of live microorganisms and the detection of associated antimicrobial drug susceptibility or resistance in specimens from patients at risk of colonization or suspected of infection.

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—SYSTEM FOR DETECTION OF MICROORGANISMS AND ANTIMICROBIAL RESISTANCE USING REPORTER EXPRESSION RISKS AND MITIGATION MEASURES**

Identified risks	Mitigation measures
Failure to use the device correctly .....	Certain labeling information identified in special controls (b)(1) and (3), and Certain design verification and validation identified in special control (b)(4)(vii).
False positive or negative results .....	Certain labeling information identified in special controls (b)(1) and (3), Use of certain specimen collection and transport devices identified in special control (b)(2), and Certain design verification and validation identified in special control (b)(4).
Failure to interpret results correctly .....	Certain labeling information identified in special controls (b)(1) and (3), and Certain design verification and validation identified in special control (b)(4)(vii).

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. 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 and guidance. These collections of information are subject to review by the Office of Management and Budget

<sup>1</sup> FDA notes that the ACTION caption for this final order is styled as “Final amendment; final order,” rather than “Final order.” Beginning in December 2019, this editorial change was made to indicate

that the document “amends” the Code of Federal Regulations. The change was made in accordance with the Office of Federal Register’s (OFR) interpretations of the Federal Register Act (44

U.S.C. chapter 15), its implementing regulations (1 CFR 5.9 and parts 21 and 22), and the Document Drafting Handbook.

(OMB) under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501–3521). The collections of information in the guidance document “De Novo Classification Process (Evaluation of Automatic Class III Designation)” have been approved under OMB control number 0910–0844; the collections of information in 21 CFR part 814, subparts A through E, regarding premarket approval, have been approved under OMB control number 0910–0231; 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, regarding quality system regulation, 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 § 866.1655 to subpart B to read as follows:

##### § 866.1655 System for detection of microorganisms and antimicrobial resistance using reporter expression.

(a) *Identification.* A system for detection of microorganisms and antimicrobial resistance using reporter expression is an in vitro diagnostic device intended for the detection and identification of live microorganisms and the detection of associated antimicrobial drug susceptibility or resistance in specimens from patients at risk of colonization or suspected of infection.

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

(1) The intended use for the device in the labeling required under § 809.10 of this chapter must include a detailed description of the targets the device detects, the type of results provided to the user, the clinical indications appropriate for test use, and the specific

population(s) for which the device is intended.

(2) Any device used for specimen collection and transport must be FDA-cleared, approved, or -classified as 510(k) exempt (standalone or as part of a test system) for the collection of the specimen types claimed by this device and for the maintenance of viability of the targeted microorganisms; alternatively, the specimen collection device must be cleared in a premarket submission as a part of this device.

(3) The labeling required under § 809.10(b) of this chapter must include:

(i) A detailed description of the device, including reagents, instruments, ancillary materials, applicable specimen collection and transport device(s) and control elements, and a detailed explanation of the methodology, including all pre-analytical methods for handling and processing of specimens and controls to maintain organism viability;

(ii) Detailed descriptions of the test procedure, including the preparation and maintenance of quality controls and the interpretation of test results;

(iii) Detailed discussion of the performance characteristics of the device for all claimed organisms and specimen types based on analytical studies, including evaluation of analytical sensitivity, inclusivity, cross-reactivity, potentially interfering substances and microorganisms, contamination, specimen stability, precision, and reproducibility;

(iv) Detailed discussion of the performance characteristics of the device observed in a clinical study performed on a population that is consistent with the intended use population in comparison to the results obtained by a reference or comparator method determined to be acceptable by FDA, for microbial detection, identification, and antimicrobial susceptibility testing; and

(v) A limiting statement indicating that a negative test result does not preclude colonization or infection with organisms that do not express detectable levels of the reporter that is identified by the device.

(4) Design verification and validation must include:

(i) A detailed description of the device, including an explanation of the technology, hardware, software, and consumables, as well as an explanation of the result algorithms and method(s) of data processing from signal acquisition to result assignment;

(ii) A detailed description of the impact of any software, including software applications and hardware-

based devices that incorporate software, on the device's functions;

(iii) Detailed documentation of the analytical and clinical studies required in paragraphs (b)(3)(iii) and (iv) of this section, including the study protocols containing descriptions of the test methods, prescribed methods of data analysis and acceptance criteria, final study reports, and data line listings;

(iv) Detailed documentation of quality control procedures, including an explanation of how quality control materials were selected, the recommended frequency of testing, methods of control preparation, acceptance criteria for performance and the results from quality control testing performed during the analytical and clinical studies required under paragraphs (b)(3)(iii) and (iv) of this section;

(v) Detailed documentation of studies performed to establish onboard and in-use reagent stability, including the test method(s), data analysis plans, acceptance criteria, final study reports, and data line listings;

(vi) Detailed documentation of studies to establish reagent shelf-life for the assay kit and each applicable specimen collection and transport device, including study protocols containing descriptions of the test method(s), data analysis plans, and acceptance criteria; and

(vii) Documentation of an appropriate end user device training program that will be offered as part of efforts to assure appropriate conduct of the assay and to mitigate the risk associated with false results, including failure to use the device correctly or correctly interpret results.

Dated: January 25, 2022.

**Lauren K. Roth,**

*Associate Commissioner for Policy.*

[FR Doc. 2022–02368 Filed 2–3–22; 8:45 am]

**BILLING CODE 4164–01–P**

#### DEPARTMENT OF HEALTH AND HUMAN SERVICES

#### Food and Drug Administration

#### 21 CFR Part 870

[Docket No. FDA–2021–N–0913]

#### Medical Devices; Cardiovascular Devices; Classification of the Photoplethysmograph Analysis Software for Over-the-Counter Use

**AGENCY:** Food and Drug Administration, Department of Health and Human Services (HHS).

**ACTION:** Final amendment; final order.