

March 1, 2022

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Department of Epidemiology of Microbial Diseases
350 George Street
New Haven, CT 06510

Device: SalivaDirect At-Home Collection Kit

EUA Number: EUA210243

Company: Yale School of Public Health, Department of Epidemiology of Microbial Diseases

Indication: For use by any individual age 18 years and older (self-collected), 14 years and older (self-collected under adult supervision using a straw or funnel), or 2 years and older (collected with adult assistance using a straw or funnel), including individuals without symptoms or other reasons to suspect COVID-19 for collection of saliva specimens at home when determined to be appropriate by a healthcare provider, and for use only with in vitro diagnostic (IVD) molecular tests for the detection of SARS-CoV-2 RNA that are indicated for use with the SalivaDirect At-Home Collection Kit.

Authorized Laboratories: Testing is limited to laboratories designated by Yale School of Public Health Department of Epidemiology of Microbial Diseases, that includes the Clinical Molecular Diagnostics Laboratory, Department of Pathology, Yale School of Medicine, located at 310 Cedar St., New Haven, CT 06510, certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, that meet requirements to perform high complexity tests.

Dear Dr. Wyllie:

On April 9, 2021, based on your¹ request, the Food and Drug Administration (FDA) issued a letter authorizing the emergency use of the SalivaDirect At-Home Collection Kit for use by individuals aged 18 years and older, including individuals without symptoms or other reasons to suspect COVID-19 to self-collect saliva specimens at home, unsupervised, when determined by

¹ For ease of reference, this letter will use the term “you” and related terms to refer to Yale School of Public Health, Department of Epidemiology of Microbial Diseases.

a healthcare provider to be appropriate, and for use only with in vitro diagnostic (IVD) molecular tests for the detection of SARS-CoV-2 RNA that are indicated for use with the SalivaDirect At-Home Collection Kit, pursuant to Section 564 of the Federal Food, Drug, and Cosmetic Act (the Act) (21 U.S.C. §360bbb-3). Testing was limited to laboratories designated by Yale School of Public Health Department of Epidemiology of Microbial Diseases, that includes the Clinical Molecular Diagnostics Laboratory, Department of Pathology, Yale School of Medicine, located at 310 Cedar St., New Haven, CT 06510, certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, that meet requirements to perform high complexity tests. Based on your request, FDA granted updates to the authorized labeling on May 6, 2021.²

On February 3, 2022, you requested to amend the Emergency Use Authorization (EUA). Based on that request, and having concluded that revising the April 9, 2021, EUA is appropriate to protect the public health or safety under section 564(g)(2)(C) of the Act (21 U.S.C. § 360bbb3(g)(2)(C)), FDA is reissuing the April 9, 2021, letter in its entirety with the revisions incorporated.³ Accordingly, your product⁴ is hereby authorized pursuant to section 564 of the Act when used pursuant to the Scope of Authorization (Section II) and Conditions of Authorization (Section IV) of this reissued letter.

On February 4, 2020, pursuant to Section 564(b)(1)(C) of the Act, the Secretary of the Department of Health and Human Services (HHS) determined that there is a public health emergency that has a significant potential to affect national security or the health and security of United States citizens living abroad, and that involves the virus that causes COVID-19.⁵ Pursuant to Section 564 of the Act, and on the basis of such determination, the Secretary of HHS then declared that circumstances exist justifying the authorization of emergency use of medical devices during the COVID-19 outbreak, subject to the terms of any authorization issued under Section 564(a) of the Act.⁶

FDA considered the totality of scientific information available in authorizing the emergency use of your product for the indication above. A summary of the performance information FDA relied upon is contained in the EUA Summary (identified below).

² On May 6, 2021, FDA granted your request to update the authorized labeling to include use of UPS as an authorized shipping carrier.

³ The revisions to the April 9, 2021 letter and authorized labeling include: (1) updates to the intended use to expand collection of saliva specimens at home to individuals age 18 years and older (self-collected), 14 years and older (self-collected under adult supervision using a straw or funnel), or 2 years and older (collected with adult assistance using a straw or funnel), (2) addition of a straw collection device for collection of saliva specimens, (3) addition of the “SalivaDirect At-Home Saliva Collection Kit Straw Collection” patient instructions and Straw Card insert to the authorized labeling, and (4) addition of Condition P below as a result of the new intended use.

⁴ For ease of reference, this letter will use the term “your product” to refer to the SalivaDirect At-Home Collection Kit used for the indication identified above.

⁵ U.S. Department of Health and Human Services, *Determination of a Public Health Emergency and Declaration that Circumstances Exist Justifying Authorizations Pursuant to Section 564(b) of the Federal Food, Drug, and Cosmetic Act*, 21 U.S.C. § 360bbb-3. 85 FR 7316 (February 7, 2020).

⁶ U.S. Department of Health and Human Services, *Declaration that Circumstances Exist Justifying Authorizations Pursuant to Section 564(b) of the Federal Food, Drug, and Cosmetic Act*, 21 U.S.C. § 360bbb-3. 85 FR 17335 (March 27, 2020)

Having concluded that the criteria for issuance of this authorization under Section 564(c) of the Act are met, I am authorizing the emergency use of your product, described in the Scope of Authorization of this letter (Section II), subject to the terms of this authorization.

I. Criteria for Issuance of Authorization

I have concluded that the emergency use of your product meets the criteria for issuance of an authorization under Section 564(c) of the Act, because I have concluded that:

1. The SARS-CoV-2 can cause a serious or life-threatening disease or condition, including severe respiratory illness, to humans infected by this virus;
2. Based on the totality of scientific evidence available to FDA, it is reasonable to believe that your product may be effective in diagnosing COVID-19, by serving as an appropriate means to collect and transport human specimens so that an authorized laboratory can detect SARS-CoV-2 RNA from the collected human specimen, and that the known and potential benefits of your product when used for diagnosing COVID-19, outweigh the known and potential risks of your product; and
3. There is no adequate, approved, and available alternative to the emergency use of your product.⁷

II. Scope of Authorization

I have concluded, pursuant to Section 564(d)(1) of the Act, that the scope of this authorization is limited to the indication above.

Authorized Product Details

Your product is a an at-home collection kit intended for use by any individual age 18 years and older (self-collected), 14 years and older (self-collected under adult supervision using a straw or funnel), or 2 years and older (collected with adult assistance using a straw or funnel), including individuals without symptoms or other reasons to suspect COVID-19 for collection of saliva specimens at home when determined to be appropriate by a healthcare provider. Saliva specimens collected using your product are transported at ambient temperature for testing at an authorized laboratory. SARS-CoV-2 RNA from the saliva specimens is maintained in the specimen packaging and is suitable for use in molecular diagnostic testing performed using an in vitro diagnostic (IVD) test for the detection of SARS-CoV-2 that is indicated for use with the SalivaDirect At-Home Collection Kit.

Testing is limited to laboratories designated by Yale School of Public Health Department of Epidemiology of Microbial Diseases, that includes the Clinical Molecular Diagnostics Laboratory, Department of Pathology, Yale School of Medicine, located at 310 Cedar St., New Haven, CT 06510, certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA), 42 U.S.C. §263a, that meet requirements to perform high complexity tests.

⁷ No other criteria of issuance have been prescribed by regulation under Section 564(c)(4) of the Act.

When using your product, individuals must follow all specimen collection and mailing instructions provided with the kit. The SalivaDirect At-Home Collection Kit includes the following materials or other authorized materials (as may be requested under Condition K below): a saliva collection device (either a funnel, straw or bulb pipette), sterile plastic collection tube, biohazard bag, absorbent sheet, alcohol pad, return shipping box, instructions for use, patient identifier sticker, activation card, UN 3373 Pak or Category B Pak, and return label.

All test results are provided to the ordering health care provider (HCP) and the patient via secure email and/or online portal. An HCP will directly contact individuals with positive or invalid/inconclusive test results.

The labeling entitled “SalivaDirect At-Home Collection Kit Bulb Pipette Collection” patient instructions and Bulb Pipette Card Insert, “SalivaDirect At-Home Collection Kit Funnel Collection” patient instructions and Funnel Card insert, “SalivaDirect At-Home Collection Kit Straw Collection” patient instructions and Straw insert, and the EUA Summary, (available at <https://www.fda.gov/medical-devices/coronavirus-disease-2019-covid-19-emergency-use-authorizations-medical-devices/in-vitro-diagnostics-euas>), as well as the “Accessioning SOP for Saliva Samples Collected by the SalivaDirect At-Home Collection Kit”, is required to be made available as set forth in the Conditions of Authorization (Section IV), and are collectively referred to as “authorized labeling”.

The above described product, when accompanied by the authorized labeling, is authorized to be distributed to and used by individuals (accompanied only by either the “SalivaDirect At-Home Collection Kit Bulb Pipette Collection” patient instructions and Bulb Pipette Card insert, the “SalivaDirect At-Home Collection Kit Funnel Collection” patient instructions and Funnel Card insert, or the “SalivaDirect At-Home Collection Kit Straw Collection” patient instructions and Straw Card insert) and authorized laboratories (accompanied by all authorized labeling) as set forth in this letter and pursuant to the conditions in the EUA, despite the fact that it does not meet certain requirements otherwise required by applicable federal law.

I have concluded, pursuant to Section 564(d)(2) of the Act, that it is reasonable to believe that the known and potential benefits of your product, when used consistent with the Scope of Authorization of this letter (Section II), outweigh the known and potential risks of your product.

I have concluded, pursuant to Section 564(d)(3) of the Act, based on the totality of scientific evidence available to FDA, that it is reasonable to believe that your product may be effective in diagnosing COVID-19, by serving as an appropriate means to collect and transport human saliva specimens so that an authorized laboratory can detect SARS-Co-V-2 RNA from the collected specimen when used consistent with the Scope of Authorization of this letter (Section II), pursuant to Section 564(c)(2)(A) of the Act.

FDA has reviewed the scientific information available to FDA, including the information supporting the conclusions described in Section I above, and concludes that your product (as described in the Scope of Authorization of this letter (Section II)) meets the criteria set forth in Section 564(c) of the Act concerning safety and potential effectiveness.

The emergency use of your product under this EUA must be consistent with, and may not exceed, the terms of this letter, including the Scope of Authorization (Section II) and the Conditions of Authorization (Section IV). Subject to the terms of this EUA and under the circumstances set forth in the Secretary of HHS's determination under Section 564(b)(1)(C) of the Act described above and the Secretary of HHS's corresponding declaration under Section 564(b)(1) of the Act, your product is authorized for the indication above.

III. Waiver of Certain Requirements

I am waiving the following requirements for your product during the duration of this EUA:

- Current good manufacturing practice requirements, including the quality system requirements under 21 CFR Part 820 with respect to the design, manufacture, packaging, labeling, storage, and distribution of your product, but excluding Subpart H (Acceptance Activities, 21 CFR 820.80 and 21 CFR 820.86), Subpart I (Nonconforming Product, 21 CFR 820.90), and Subpart O (Statistical Techniques, 21 CFR 820.250).

IV. Conditions of Authorization

Pursuant to Section 564(e) of the Act, I am establishing the following conditions on this authorization:

Yale School of Public Health, Department of Epidemiology of Microbial Diseases (You) and Authorized Distributor(s)⁸

- A. Your product must comply with the following labeling requirements pursuant to FDA regulations: the intended use statement (21 CFR 809.10(a)(2), (b)(2)); adequate directions for use (21 U.S.C. 352(f)), (21 CFR 809.10(b)(5), (7), and (8)); appropriate limitations on the use of the device including information required under 21 CFR 809.10(a)(4); and any available information regarding performance of the device, including requirements under 21 CFR 809.10(b)(12).
- B. You and authorized distributor(s) must make available with the shipped product the SalivaDirect At-Home Collection Kit patient instructions (“SalivaDirect At-Home Collection Kit Bulb Pipette Collection” patient instructions and Bulb Pipette Card Insert, the “SalivaDirect At-Home Collection Kit Funnel Collection” patient instructions and Funnel Card insert, or the “SalivaDirect At-Home Collection Kit Straw Collection” patient instructions and Straw Card insert).
- C. You and authorized distributor(s) must make all patient instructions available on your website(s).
- D. You and authorized distributor(s) must inform authorized laboratories and relevant

⁸ “Authorized Distributor(s)” are identified by you in your EUA submission as an entity allowed to distribute your product.

public health authorities of this EUA, including the terms and conditions herein, and any updates made to your product and authorized labeling.

- E. Through a process of inventory control, you and authorized distributor(s) must maintain records of the numbers of your product and locations to which your product is distributed.
- F. You and authorized distributor(s) must maintain customer complaint files on record. You must report to FDA any significant complaints about usability or deviations from the established performance characteristics of your product of which you become aware.
- G. You and authorized distributor(s) are authorized to make available additional information relating to the emergency use of your product that is consistent with, and does not exceed, the terms of this letter of authorization.

Yale School of Public Health, Department of Epidemiology of Microbial Diseases (You)

- H. You must notify FDA of any authorized distributor(s) of your product, including the name, address, and phone number of any authorized distributor(s).
- I. You must notify FDA of any authorized laboratories designated by you to use your product, including the name, address, and phone number of any authorized laboratories.
- J. You must provide authorized distributor(s) and authorized laboratories with a copy of this EUA and communicate to any subsequent amendments that might be made to this EUA and its authorized accompanying materials.
- K. You may request changes to this EUA for your product, including to the Scope of Authorization (Section II in this letter) or to the authorized labeling, including requests to make available additional authorized labeling specific to an authorized distributor. Such additional labeling may use another name for the product but otherwise must be consistent with the authorized labeling, and not exceed the terms of authorization of this letter. Any request for changes to this EUA should be submitted to the Division of Microbiology (DMD)/Office of Health Technology 7 (OHT7)-Office of In Vitro Diagnostics and Radiological Health (OIR)/Office of Product Evaluation and Quality (OPEQ)/Center for Devices and Radiological Health (CDRH) and require appropriate authorization from FDA prior to implementation.
- L. You must comply with the following requirements pursuant to FDA regulations: 21 CFR 820 Subpart H (Acceptance Activities, 21 CFR 820.80 and 21 CFR 820.86), Subpart I (Nonconforming Product, 21 CFR 820.90), and Subpart O (Statistical Techniques, 21 CFR 820.250).
- M. You must have lot release procedures and the lot release procedures, including the study design and statistical power, must ensure that the kits released for distribution have the clinical and analytical performance claimed in the authorized labeling.

- N. If requested by FDA, you must submit lot release procedures to FDA, including sampling protocols, testing protocols, and acceptance criteria, that you use to release lots of your product for distribution in the U.S. If such lot release procedures are requested by FDA, you must provide it within 48 hours of the request.
- O. You must have a process in place to track adverse events, including with the SalivaDirect At-Home Collection Kit, including any occurrence of false results with your product and report to FDA pursuant to 21 CFR Part 803. Serious adverse events, especially unexpected biosafety concerns, should also immediately be reported to DMD/OHT7-OIR/OPEQ/CDRH (via email: CDRH-EUAREporting@fda.hhs.gov).
- P. You must submit to FDA a summary report within 30 calendar days of authorization summarizing the results of any testing performed using saliva specimens collected with the SalivaDirect At-Home Collection Kit during that timeframe and stratified by age group, including how many kits were requested and sent for home collection to individuals, how many kits were distributed and returned according to the instructions, how many specimens had to be rejected during accession and the main reasons for rejection, the positivity rate for the SalivaDirect At-Home Collection Kit, and the number of inquiries received through the support email and phone number. Thereafter, monthly reporting must continue until FDA informs you that the cumulative data submitted within the monthly reports has sufficiently assessed updates made to your collection kit.

Authorized Laboratories

- Q. Authorized laboratories testing specimens collected using the SalivaDirect At-Home Collection Kit must have in place a suitable specimen receipt and accessioning SOP or follow the “Accessioning SOP for Saliva Samples Collected by the SalivaDirect At-Home Collection Kit” standard operating procedure when accepting specimens for testing.
- R. Authorized laboratories using your product must use it only in conjunction with COVID-19 in vitro diagnostic (IVD) molecular tests that are indicated for use with your product.
- S. Authorized laboratories must collect information on the performance of your product and report to DMD/OHT7-OIR/OPEQ/CDRH (via email: CDRH-EUA-Reporting@fda.hhs.gov) and you (salivadirect@gmail.com) any suspected occurrence of false positive or false negative results and significant deviations from the established performance characteristics of your product of which they become aware.

Yale School of Public Health, Department of Epidemiology of Microbial Diseases (You), Authorized Distributor(s) and Authorized Laboratories

- T. You, authorized distributor(s) and authorized laboratories using your product must

ensure that any records associated with this EUA are maintained until otherwise notified by FDA. Such records must be made available to FDA for inspection upon request.

Conditions Related to Printed Materials, Advertising and Promotion

- U. All descriptive printed matter, advertising and promotional materials relating to the use of your product shall be consistent with the authorized labeling, as well as the terms set forth in this EUA and meet the requirements set forth in section 501(a), (q)(1), and (r) of the Act, as applicable, and FDA implementing regulations.
- V. No descriptive printed matter, advertising or promotional materials relating to the use of your product may represent or suggest that this test is safe or effective for the detection of SARS-CoV-2.
- W. All descriptive printed matter, advertising and promotional materials relating to the use of your product shall clearly and conspicuously state that:
 - This product has not been FDA cleared or approved, but has been authorized for emergency use by FDA under an EUA;
 - This product has been authorized only for the collection and maintenance of saliva specimens as an aid in the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens; and
 - The emergency use of this product is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of medical devices under Section 564(b)(1) of the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. § 360bbb-3(b)(1), unless the declaration is terminated or authorization is revoked sooner.

The emergency use of your product as described in this letter of authorization must comply with the conditions and all other terms of this authorization.

V. Duration of Authorization

This EUA will be effective until the declaration that circumstances exist justifying the authorization of the emergency use of medical devices during the COVID-19 outbreak is terminated under Section 564(b)(2) of the Act or the EUA is revoked under Section 564(g) of the Act.

Sincerely,

Jacqueline A. O'Shaughnessy, Ph.D.
Acting Chief Scientist
Food and Drug Administration

Enclosure