





**TECHNICAL REPORT** 

•••••••

•••••

•••••

••••••

••••••

•••••

••••••

••••••

**HIV DIAGNOSTIC TESTS IN LOW- AND MIDDLE-INCOME COUNTRIES: FORECASTS OF GLOBAL DEMAND FOR** 2021-2025

**DECEMBER 2021** 

# HIV DIAGNOSTIC TESTS IN LOW- AND MIDDLE-INCOME COUNTRIES: FORECASTS OF GLOBAL DEMAND FOR 2021–2025

**DECEMBER 2021** 



HIV diagnostic tests in low- and middle-income countries: forecasts of global demand for 2021–2025

ISBN 978-92-4-004226-1 (electronic version) ISBN 978-92-4-004227-8 (print version)

### © World Health Organization 2022

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; https://creativecommons.org/licenses/by-nc-sa/3.0/igo).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (http://www.wipo.int/amc/en/mediation/rules/).

**Suggested citation.** HIV diagnostic tests in low- and middle-income countries: forecasts of global and regional demand for 2021–2025. Geneva: World Health Organization; 2022. Licence: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. CIP data are available at http://apps.who.int/iris.

**Sales, rights and licensing.** To purchase WHO publications, see http://apps.who.int/bookorders. To submit requests for commercial use and queries on rights and licensing, see https://www.who.int/copyright.

**Third-party materials.** If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

**General disclaimers.** The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

# CONTENTS

3. RESULTS	5
2.3 CONSOLIDATED FORECAST	4
2.2 PROJECTIONS BY THE CLINTON HEALTH ACCESS INITIATIVE	2
2.1 CURRENT DEMAND	2
2. METHODS	2
1. INTRODUCTION	1
EXECUTIVE SUMMARY	vii
ABBREVIATIONS AND ACRONYMS	vi
ACKNOWLEDGEMENTS	V
LIST OF TABLES	iv
LIST OF FIGURES	iv
CONTENTS	iii

### **LIST OF FIGURES**

Fig. 1. Demand for CD4 count tests, 2020–2025	5
Fig. 2. Demand for viral load tests, 2020–2025	6
Fig. 3. Demand for early infant diagnosis tests, 2020–2025	7
Fig. 4. Demand for rapid diagnostic tests, 2014–2025	8
List of tables	
Table 1. Distribution of rapid diagnostic tests used in 2019 and 2020	9

## ACKNOWLEDGEMENTS

WHO, UNAIDS and Avenir Health are grateful to the Clinton Health Access Initiative (CHAI) for the successful collaboration on this project and appreciate the effort of all interested experts to reach agreement to develop and produce one single consolidated forecast merging CHAI forecasts and other projections developed by WHO, UNAIDS and Avenir Health.

WHO, UNAIDS and Avenir Health extend their gratitude to the people who reviewed this report and to the comments of the diagnostic meeting participants during plenary discussions.

WHO thanks everyone who contributed to this product, especially **Daniel Low-Beer, Meg Doherty**, **Ren Minghui** and WHO staff members and partners who participated in the joint WHO/UNAIDS consultation with diagnostics companies.

WHO expresses its special thanks to **John Stover** (Avenir Health), **Zack Panos** and **Jessica Fox** (Clinton Health Access Initiative), **Peter Ghys** and **Deepak Mattur** (UNAIDS) **Lorenzo L. Witherspoon** (UNITAID) and **Boniface Dongmo Nguimfack**.

## **ABBREVIATIONS AND ACRONYMS**

- **ART** antiretroviral therapy
- CHAI Clinton Health Access Initiative
- **UNAIDS** Joint United Nations Programme on HIV/AIDS

预览已结束, 完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5\_23353