

WHO Prequalification of In Vitro Diagnostics PUBLIC ASSESSMENT REPORT

Product: STANDARD Q Malaria P.f Ag Test
WHO reference number: PQDx 0346-117-00

STANDARD Q Malaria P.f Ag Test with product code 09MAL10D, manufactured by SD Biosensor, Inc, CE-Mark regulatory version, was accepted for the WHO list of prequalified in vitro diagnostics and was listed on 6 March 2020.

Summary of the WHO Prequalification Assessment for the STANDARD Q Malaria P.f Ag Test

	Date	Outcome
Prequalification listing	6 March 2020	listed
Dossier assessment	29 October 2019	MR
Product performance evaluation	2018	MR

MR: Meets Requirements

Report amendments and/or product changes

This public report has since been amended. Amendments may have arisen because of changes to the prequalified product for which WHO has been notified and has undertaken a review. Amendments to the report are summarized in the following table, and details of each amendment are provided below.

Public report amendment	Summary of amendment	Date of report amendment
2.0	<ol style="list-style-type: none"> 1. Change of IFU from IFU in English to multilanguage IFU (EN, ES, FR, PT), 2. Change of outer package, 3. Added supplier for sterile lancet. 	17 May 2021
3.0	<ol style="list-style-type: none"> 1. Addition of Manufacturer for cutting, assembly, sealing, buffer preparation & dispensing, packing, and shipping process. 2. Addition of suppliers for raw materials: <ul style="list-style-type: none"> • Upper device, • Lower device, • Desiccant, • Aluminum Pouch, 	7 March 2024

	<ul style="list-style-type: none"> • Buffer bottle, • Inverted cup, • Lancet, • Alcohol swab, • Outer package/IFU/Label. <p>3. Changes to the Outer package, Instructions for Use (IFU) and Labels.</p>	
4.0	The addition of the manufacturing site is located in the public report of Plot no. 38, Sector 4, IMT Manesar, Gurugram, Haryana 122052, India.	19 April 2024.
5.0	Updated labels of inverted cup, sterile lancet and alcohol swab (PQC-IVD-2024-0028).	4 August 2025
6.0	<p>1. Package revision for M mark addition Updated the PKG label, adding the “M” mark for better identification.</p> <p>2. New Package labels for Print area addition Established the PKG label, adding the print area to deal with the requirements for the procurement.</p> <p>3. Test device pouch revision Established the test device pouch label to the exclusive product for the better identification.</p> <p>4. RMS Lancet pouch revision Update of Manufacturer’s Address, EU Representative symbol. Addition of Korean language and KGMP symbol to fulfill the requirements for domestic distribution (PQC-IVD-2025-0135).</p>	9 April 2026

Intended use

According to the claim of intended use from SD Biosensor, Inc, “*STANDARD Q Malaria P.f Ag Test is a rapid and membrane based immunochromatography for the qualitative detection of Plasmodium falciparum (P. falciparum) specific Histidine Rich Protein 2 (HRP-2) in human capillary and venous whole blood specimens of patients suspected of having malaria. STANDARD Q Malaria P.f Ag Test is intended to be used by trained healthcare or laboratory professionals or other health care workers who have received appropriate training. This product can be used by trained lay providers operating in point-of-care settings in resource-limited lower- and middle-income countries. This product is not intended for self-testing.*”

Test kit contents

Component	25 tests (product code 09MAL10D)
Test device (individually in a foil pouch with desiccant)	25
Buffer Bottle	1 x 4 mL
Inverted cup (5µL)	Pack of 25
Sterile lancet	Pack of 25
Alcohol swab	Pack of 25
Instructions for use	1

Items required but not provided

- Anti-coagulant tube containing heparin, EDTA or sodium citrate for the collection of venous whole blood
- Micropipette and tip
- Timer
- PPE (Personal Protective Equipment)
- Pen/pencil
- Extra lancets and alcohol swabs
- Biosafety sharps container
- Biohazard container
- Sterile gauze

Storage

The test kit must be stored between 2 and 40 °C.

Shelf-life upon manufacture¹

24 months.

Dossier assessment

SD Biosensor, Inc submitted a product dossier for STANDARD Q Malaria P.f Ag Test as per the “*Instructions for compilation of a product dossier*” (PQDx_018 version 3). The information (data and documentation) submitted in the product dossier was reviewed by WHO staff and external technical experts (assessors) appointed by WHO.

¹ The assigned device shelf-life is based on stability data generated from the date of manufacture. The finished goods shelf-life, calculated from the date of packaging completion, may be shorter depending on the time elapsed between manufacture and final packaging of the device.

The manufacturer's responses to the nonconformities found during dossier screening and assessment findings were accepted on 29 October 2019.

Based on the product dossier screening and assessment findings, the product dossier for STANDARD Q Malaria P.f Ag Test meets WHO prequalification requirements.

Manufacturing site inspection

The inspection of the manufacturing site(s) was conducted to assess whether the manufacturer's quality management system (QMS) and manufacturing practices are in alignment with:

- (i) applicable international standards, such as ISO 13485 (Medical devices – Quality management systems – Requirements for regulatory purposes);
- (ii) the manufacturer's own documented procedures and quality requirements; and
- (iii) other relevant international standards and guidelines applicable to in vitro diagnostic (IVD) medical devices. The WHO's Public Inspection Reports are accessible at:

<https://extranet.who.int/pgweb/vitro-diagnostics/who-public-inspection-reports>

Based on the site inspection and corrective action plan review, the quality management system for the STANDARD Q Malaria P.f Ag Test meets WHO prequalification requirements.

Product performance evaluation

STANDARD Q Malaria P.f Ag Test² was included in the eighth round of WHO product testing of RDTs for malaria antigen detection, which was completed in 2018. The product was evaluated against a *Plasmodium falciparum* cultured line panel, *P. falciparum* wild-type parasite panel, *P. vivax* wild-type parasite panel and a negative panel. Thermal stability was assessed after 2 months of storage at elevated temperature and humidity, and a descriptive ease of use assessment was recorded.

Based on the demonstrated *P. falciparum* panel detection score (87.0% at 200 parasites/ μ L), false-positive rates (0% for clean negatives, 0% for *P. vivax* at 200 parasites/ μ L, 0% for *P. vivax* at 2000 / μ L) and invalid rate (0%), STANDARD Q Malaria P.f Ag Test meets the current laboratory evaluation requirements for Prequalification.

² The product code of the product included in the WHO product testing of malaria RDTs was 09MAL10B, which corresponded to the same product, with a different kit configuration (i.e. number of tests) <https://www.who.int/malaria/publications/atoz/9789241514965/en/>

Summary performance characteristics	Panel detection score		False positive rate (%)			Invalid rate (%)
	200 parasites/ μ L		200 parasites/ μ L		Clean negatives	
	Pf	Pv	Pf	Pv		
STANDARD Q Malaria P.f Ag Test	87.0	NA	NA	0	0	0

Based on these results, STANDARD Q Malaria P.f Ag Test meets the current performance evaluation requirements for Prequalification.

Labelling review

The labelling submitted for the STANDARD Q Malaria P.f Ag Test was reviewed by WHO staff and external technical experts appointed by WHO. The review evaluated the labelling for clarity and consistency with the information submitted in the product dossier, alignment with international guidance and standards, and suitability for the intended users and settings in WHO Member States, including low- and middle-income countries.

The table below provides traceability of the labelling documents reviewed during the assessment, including document titles, version numbers, approval dates, and control identifiers.

Controlled Labelling References

Document Type	Document Title	Version / Revision	Date Approved	Controlled Document No.
Outer box artwork	Q Malaria P.f Ag_PKG	R4	2025.10	B25MAL1ML4R4-WHO
	Q Malaria P.f Ag_PKG	R1	2025.10	INOB25MAL1ML4R1-WHO
	Q Malaria P.f Ag_PKG	R1	2025.10	INXB25MAL1ML4R1-WHO
	Q Malaria P.f Ag_PKG	R0	2025.10	PB25MAL1ML4R0-WHO
	Q Malaria P.f Ag_PKG	R0	2025.10	PINOB25MAL1ML4R0-WHO
	Q Malaria P.f Ag_PKG	R0	2025.10	PINXB25MAL1ML4R0-WHO
Pouch / Device label	Device pouch	R0	2025.10	ML23MAL1ENR0
	Device pouch	R0	2025.10	ML25MAL1ENR0
Reagent bottle labels	Buffer bottle_Korea	R1	2017.10	L36RT1ENR1

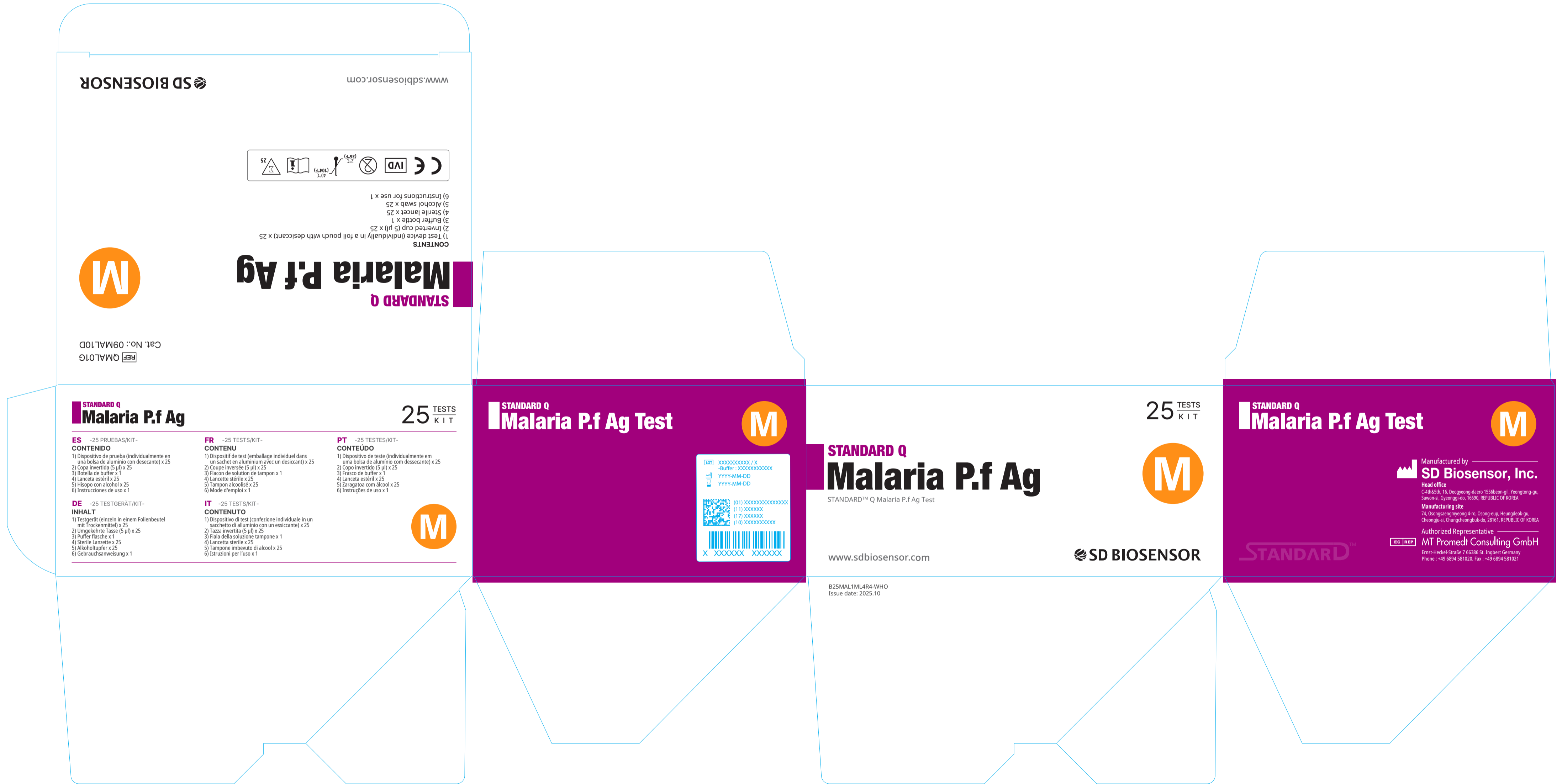
	Buffer bottle_India	R0	2023.12	L35RT0IN0R0
Accessory labeling (e.g., pipettes, buffer caps, lancet labels)	Inverted cup_Korea	R0	N/A	P000902502REV.1
	Inverted cup_India	R2	2020.02	L15IC1ENR2
	Sterile Lancet_Tianjing Huahong	R0	2020.07	B05SL2ENR0
	Sterile Lancet_RMS	R4	2025.06	B06LCT2ENR4
	Sterile Lancet_Phoenix	N/A	2023.09	N/A
	Sterile Lancet_iCare	N/A	2023.09.15	IFU-02-BL-01-NO.256
Instructions for Use (IFU)	IFU	R4	2023.10	L23MAL1ML4R4-WHO
	IFU	R5	2023.10	L23MAL1INR5-WHO
	IFU	R0	2023.11	L23MMAL1INR0-WHO

Labels

STANDARD Q Malaria P.f Ag 25T_09MAL10D_ 한국생산용

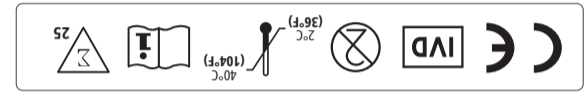
Unit : mm

자재명	Package	도수	3도 (먹, Pantone 2415C, 1495C)
문안번호	B25MAL1ML4R4-WHO	후가공	유광 라미네이팅 코팅 / 3면접착
크기	W155 * D124 * H71	작업일자	2025.10.27
용지/질량	GC2 / 270g	담당부서	상품기획본부



SD BIOSENSOR

www.sdbiosensor.com



- CONTENTS
- 1) Test device (individually in a foil pouch with desiccant) x 25
 - 2) Inverted cup (5 µl) x 25
 - 3) Buffer bottle x 1
 - 4) Sterile lancet x 25
 - 5) Alcohol swab x 25
 - 6) Instructions for use x 1



STANDARD Q
Malaria P.f Ag

Cat. No.: 09MAL10D
REF: QMAL01G

STANDARD Q
Malaria P.f Ag

25 TESTS KIT

**ES -25 PRUEBAS/KIT-
CONTENIDO**

- 1) Dispositivo de prueba (individualmente en una bolsa de aluminio con desecante) x 25
- 2) Copa invertida (5 µl) x 25
- 3) Botella de buffer x 1
- 4) Lanceta estéril x 25
- 5) Hisopo con alcohol x 25
- 6) Instrucciones de uso x 1

**FR -25 TESTS/KIT-
CONTENU**

- 1) Dispositif de test (emballage individuel dans un sachet en aluminium avec un desiccant) x 25
- 2) Coupe inversée (5 µl) x 25
- 3) Flacon de solution de tampon x 1
- 4) Lancette stérile x 25
- 5) Tampon alcoolisé x 25
- 6) Mode d'emploi x 1

**PT -25 TESTES/KIT-
CONTEÚDO**

- 1) Dispositivo de teste (individualmente em uma bolsa de alumínio com dessecante) x 25
- 2) Copo invertido (5 µl) x 25
- 3) Frasco de buffer x 1
- 4) Lanceta estéril x 25
- 5) Zangarotoa com álcool x 25
- 6) Instruções de uso x 1

**DE -25 TESTGERÄT/KIT-
INHALT**

- 1) Testgerät (einzeln in einem Folienbeutel mit Trockennmittel) x 25
- 2) Umgekehrte Tasse (5 µl) x 25
- 3) Puffer flasche x 1
- 4) Sterile Lanzette x 25
- 5) Alkoholtupfer x 25
- 6) Gebrauchsanweisung x 1

**IT -25 TESTS/KIT-
CONTENUTO**

- 1) Dispositivo di test (confezione individuale in un sacchetto di alluminio con un essiccante) x 25
- 2) Tazza invertita (5 µl) x 25
- 3) Fiala della soluzione tampone x 1
- 4) Lancetta sterile x 25
- 5) Tampone imbevuto di alcool x 25
- 6) Istruzioni per l'uso x 1



STANDARD Q
Malaria P.f Ag Test



STANDARD Q
Malaria P.f Ag

STANDARD™ Q Malaria P.f Ag Test

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B25MAL1ML4R4-WHO
Issue date: 2025.10

25 TESTS KIT



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STANDARD Q
Malaria P.f Ag Test



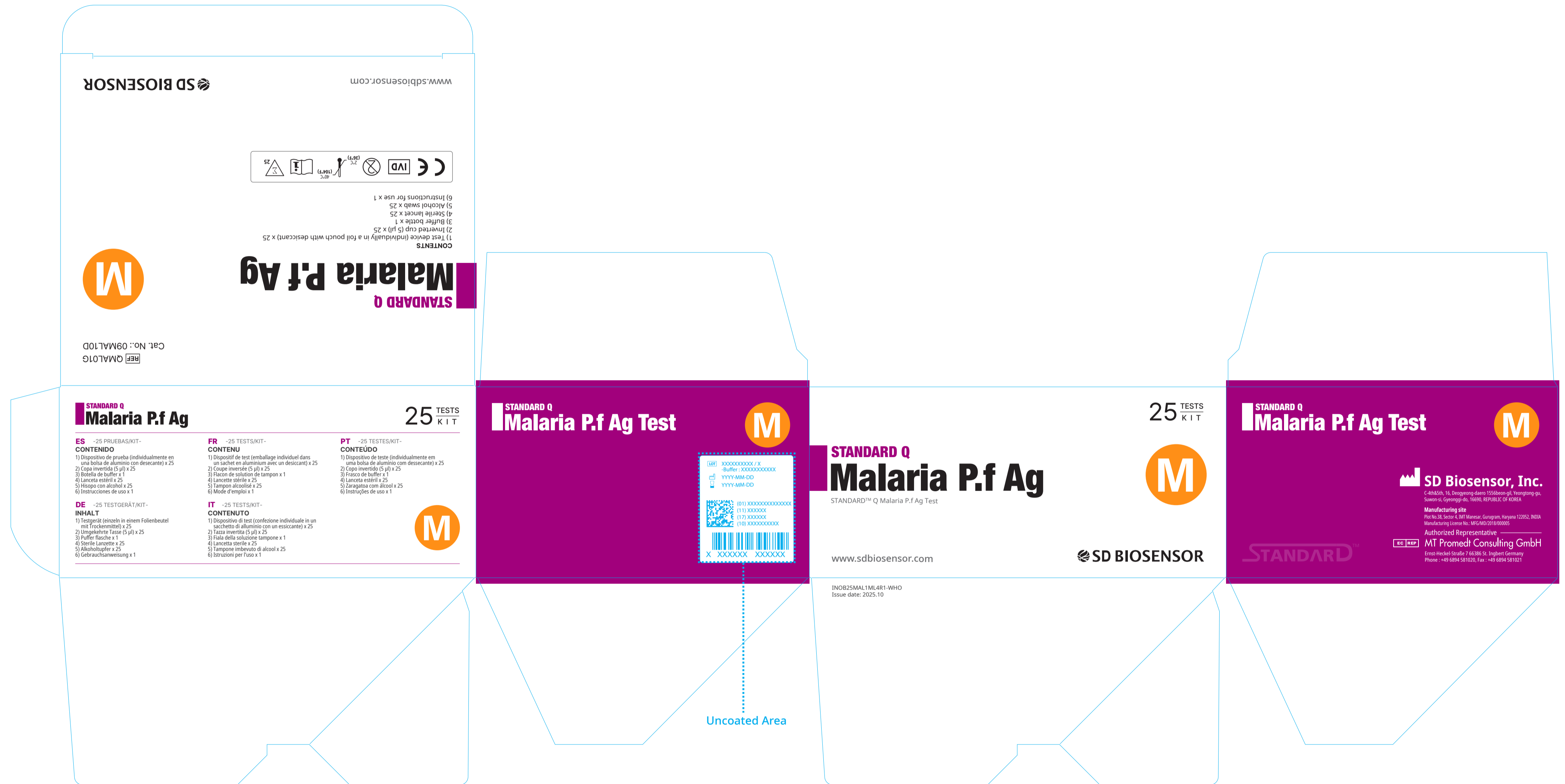
Manufactured by
SD Biosensor, Inc.
Head office
C-Winkoh, 16, Deogyong-daru 1550boon-gil, Yeongtong-gu, Seongsi, Gyeonggi-do, 16696, REPUBLIC OF KOREA
Manufacturing site
74, Osongsangmyeong 4-ro, Osong-eup, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28161, REPUBLIC OF KOREA
Authorized Representative
MT Promed Consulting GmbH
Ernst-Heckel-Strasse 7 66386 St. Ingbert Germany
Phone : +49 6894 581020, Fax : +49 6894 581021

STANDARD

STANDARD Q Malaria P.f Ag 25T_09MAL10D_인도제조소 O

Unit : mm

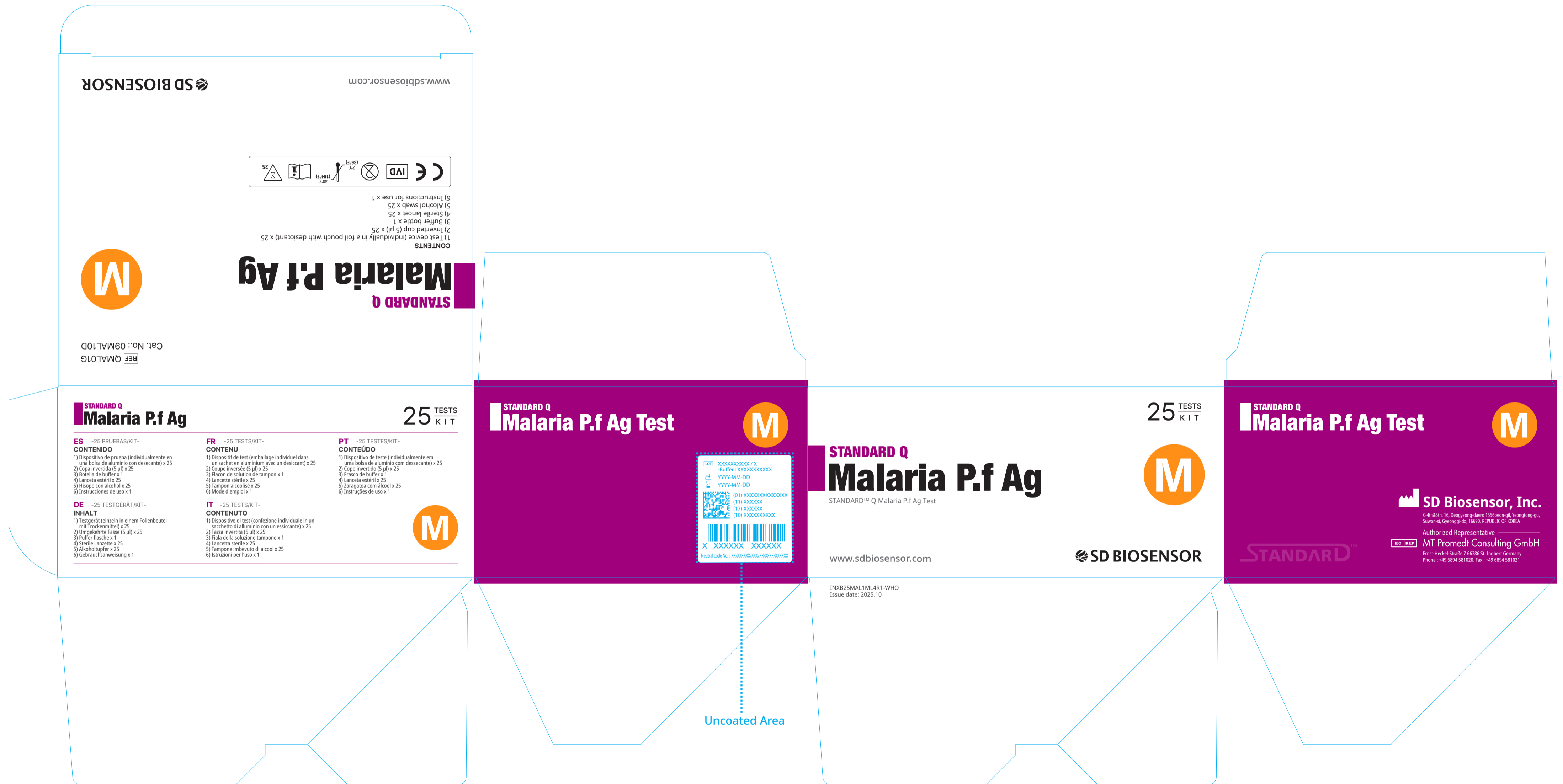
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Document number	INOB25MAL1ML4R1-WHO	Post-processing	UV Coating + Uncoated Area / 3-side sealed
Size	W155 * D124 * H71	Issue date	2025.10.27
Material/gram	GC2 / 270g	Department	Product Planning Division



STANDARD Q Malaria P.f Ag 25T_09MAL10D_인도제조소 X

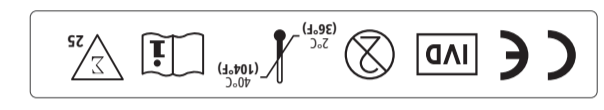
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Document number	INXB25MAL1ML4R1-WHO	Post-processing	UV Coating + Uncoated Area / 3-side sealed
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STANDARD Q
Malaria P.f Ag

Cat. No.: 09MAL10D
REF: QMAL01G

STANDARD Q
Malaria P.f Ag

25 TESTS KIT

- | | | |
|--|--|--|
| <p>ES -25 PRUEBAS/KIT-
CONTENIDO</p> <ol style="list-style-type: none"> 1) Dispositivo de prueba (individualmente en una bolsa de aluminio con desecante) x 25 2) Copa invertida (5 µl) x 25 3) Botella de buffer x 1 4) Lanceta estéril x 25 5) Hisopo con alcohol x 25 6) Instrucciones de uso x 1 | <p>FR -25 TESTS/KIT-
CONTENU</p> <ol style="list-style-type: none"> 1) Dispositif de test (emballage individuel dans un sachet en aluminium avec un desiccant) x 25 2) Coupe inversée (5 µl) x 25 3) Flacon de solution de tampon x 1 4) Lancette stérile x 25 5) Tampon alcoolisé x 25 6) Mode d'emploi x 1 | <p>PT -25 TESTES/KIT-
CONTEÚDO</p> <ol style="list-style-type: none"> 1) Dispositivo de teste (individualmente em uma bolsa de alumínio com desecante) x 25 2) Copo invertido (5 µl) x 25 3) Frasco de buffer x 1 4) Lanceta estéril x 25 5) Zangotoa com álcool x 25 6) Instruções de uso x 1 |
| <p>DE -25 TESTGERÄT/KIT-
INHALT</p> <ol style="list-style-type: none"> 1) Testgerät (einzeln in einem Folienbeutel mit Trocknemittel) x 25 2) Umgekehrte Tasse (5 µl) x 25 3) Puffer flasche x 1 4) Sterile Lanzette x 25 5) Alkohol tupfer x 25 6) Gebrauchsanweisung x 1 | <p>IT -25 TESTS/KIT-
CONTENUTO</p> <ol style="list-style-type: none"> 1) Dispositivo di test (confezione individuale in un sacchetto di alluminio con un essiccante) x 25 2) Tazza invertita (5 µl) x 25 3) Fiala della soluzione tampone x 1 4) Lancetta sterile x 25 5) Tamponne imbevuto di alcool x 25 6) Istruzioni per l'uso x 1 | |



STANDARD Q
Malaria P.f Ag Test



STANDARD Q
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INXB25MAL1ML4R1-WHO
Issue date: 2025.10

25 TESTS KIT



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STANDARD Q
Malaria P.f Ag Test



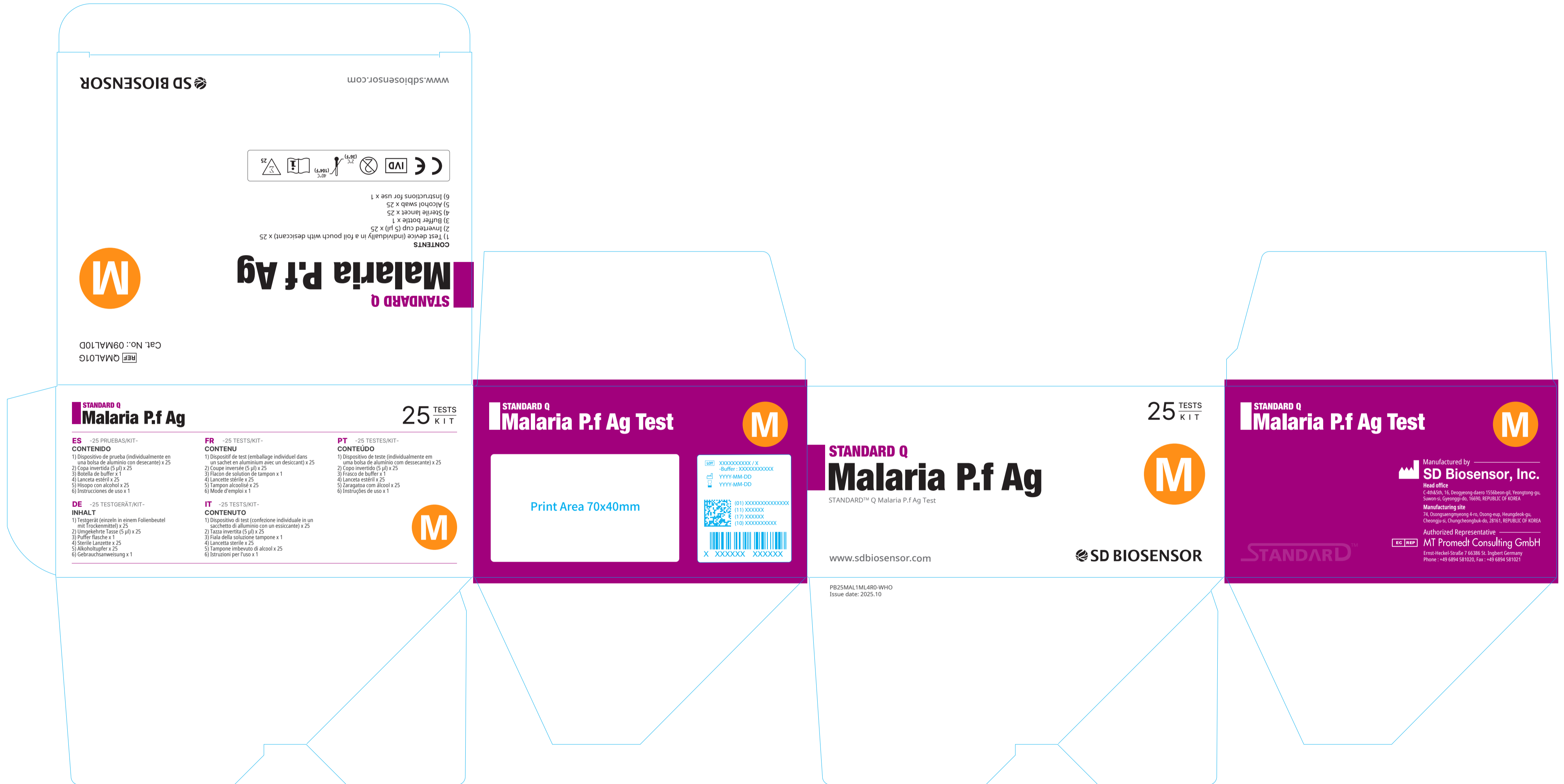
SD Biosensor, Inc.
C-4thSt, 16, Deogyong-daero 1556beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16690, REPUBLIC OF KOREA
Authorized Representative
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Ernst-Heckel-Strasse 7 66386 St. Ingbert Germany
Phone : +49 6894 581020, Fax : +49 6894 581021

Uncoated Area

STANDARD Q Malaria P.f Ag 25T_09MAL10D_ 한국생산용

Unit : mm

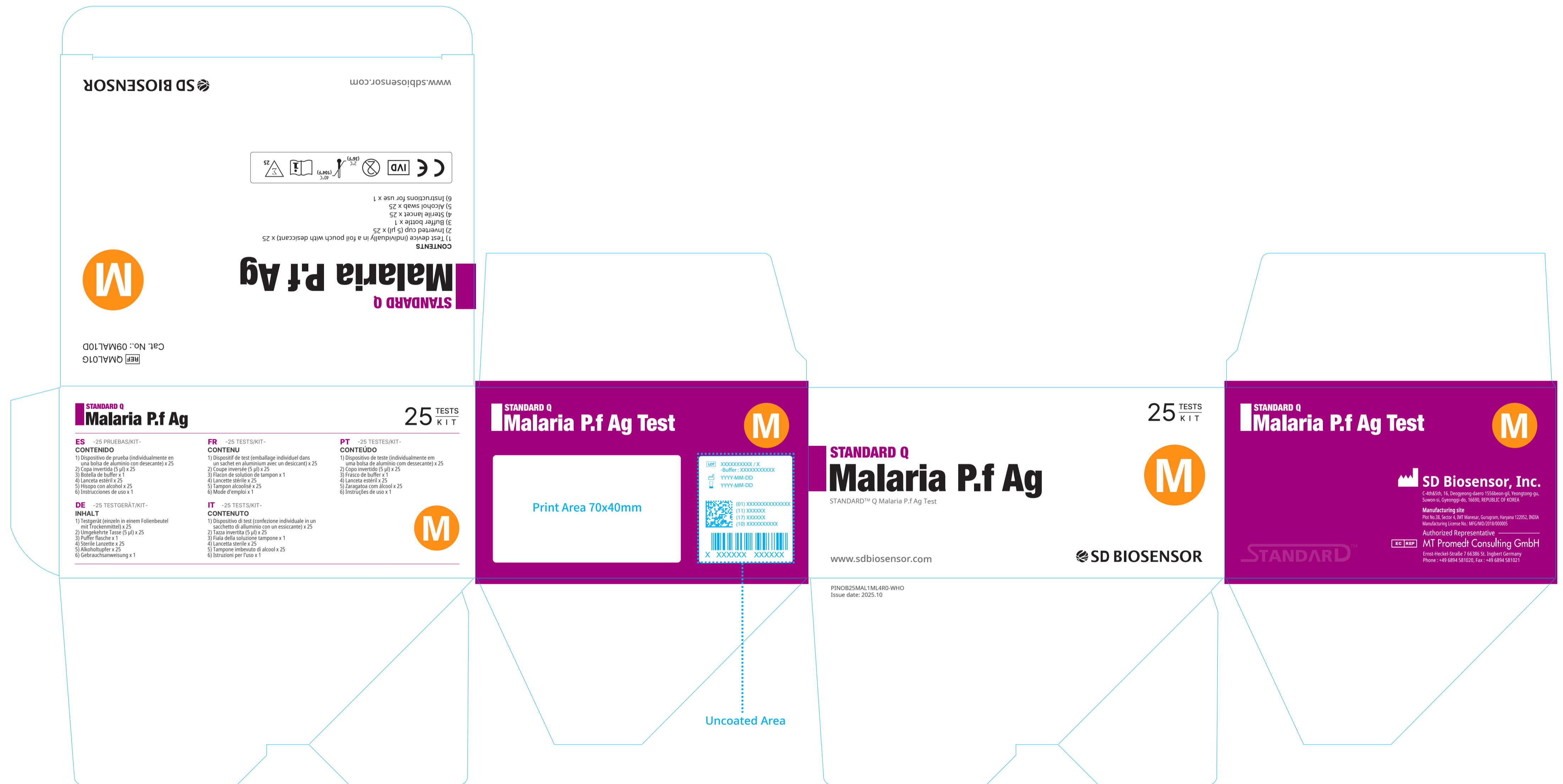
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크기	W155 * D124 * H71	작업일자	2025.10.27
용지/질량	GC2 / 270g	담당부서	상품기획본부



STANDARD Q Malaria P.f Ag 25T_09MAL10D_인도제조소 O

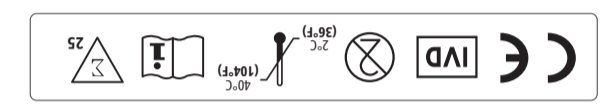
Unit : mm

Classification	Package	Color	3 Color (K, Pantone 2415C, 1495C)
Document number	PINOB25MAL1ML4R0-WHO	Post-processing	UV Coating + Uncoated Area / 3-side sealed
Size	W155 * D124 * H71	Issue date	2025.10.27
Material/gram	GC2 / 270g	Department	Product Planning Division



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- CONTENTS**
 1) Test device (individually in a foil pouch with desiccant) x 25
 2) Inverted cup (5 µl) x 25
 3) Buffer bottle x 1
 4) Sterile lancet x 25
 5) Alcohol swab x 25
 6) Instructions for use x 1



STANDARD Q
Malaria P.f Ag

Cat. No.: 09MAL10D
 REF: QMAL01G

STANDARD Q
Malaria P.f Ag

25 TESTS KIT

- ES -25 PRUEBAS/KIT- CONTENIDO**
 1) Dispositivo de prueba (individualmente en una bolsa de aluminio con desecante) x 25
 2) Copa invertida (5 µl) x 25
 3) Botella de buffer x 1
 4) Lanceta estéril x 25
 5) Hisopo con alcohol x 25
 6) Instrucciones de uso x 1
- FR -25 TESTS/KIT- CONTENU**
 1) Dispositif de test (emballage individuel dans un sachet en aluminium avec un desiccant) x 25
 2) Coupe inversée (5 µl) x 25
 3) Flacon de solution de tampon x 1
 4) Lancette stérile x 25
 5) Tampon alcoolisé x 25
 6) Mode d'emploi x 1
- PT -25 TESTES/KIT- CONTEÚDO**
 1) Dispositivo de teste (individualmente em uma bolsa de alumínio com dessecante) x 25
 2) Copo invertido (5 µl) x 25
 3) Frasco de buffer x 1
 4) Lanceta estéril x 25
 5) Zangotoa com álcool x 25
 6) Instruções de uso x 1
- DE -25 TESTGERÄT/KIT- INHALT**
 1) Testgerät (einzeln in einem Folienbeutel mit Trocknemittel) x 25
 2) Umgekehrte Tasse (5 µl) x 25
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 4) Sterile Lanzette x 25
 5) Alkoholtupfer x 25
 6) Gebrauchsanweisung x 1
- IT -25 TESTS/KIT- CONTENUTO**
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 2) Tazza invertita (5 µl) x 25
 3) Fiala della soluzione tampone x 1
 4) Lancetta sterile x 25
 5) Tamponne imbevuto di alcool x 25
 6) Istruzioni per l'uso x 1



STANDARD Q
Malaria P.f Ag Test



Print Area 70x40mm

Label with QR code, barcode, and alphanumeric data:
 (01) XXXXXXXXXXXXXXXX
 (11) XXXXXX
 (17) XXXXXX
 (10) XXXXXXXXXXXXXXXX
 X XXXXXX XXXXXX

STANDARD Q
Malaria P.f Ag

STANDARD™ Q Malaria P.f Ag Test

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PINOB25MAL1ML4R0-WHO
 Issue date: 2025.10

25 TESTS KIT



SD BIOSENSOR

STANDARD Q
Malaria P.f Ag Test



STANDARD

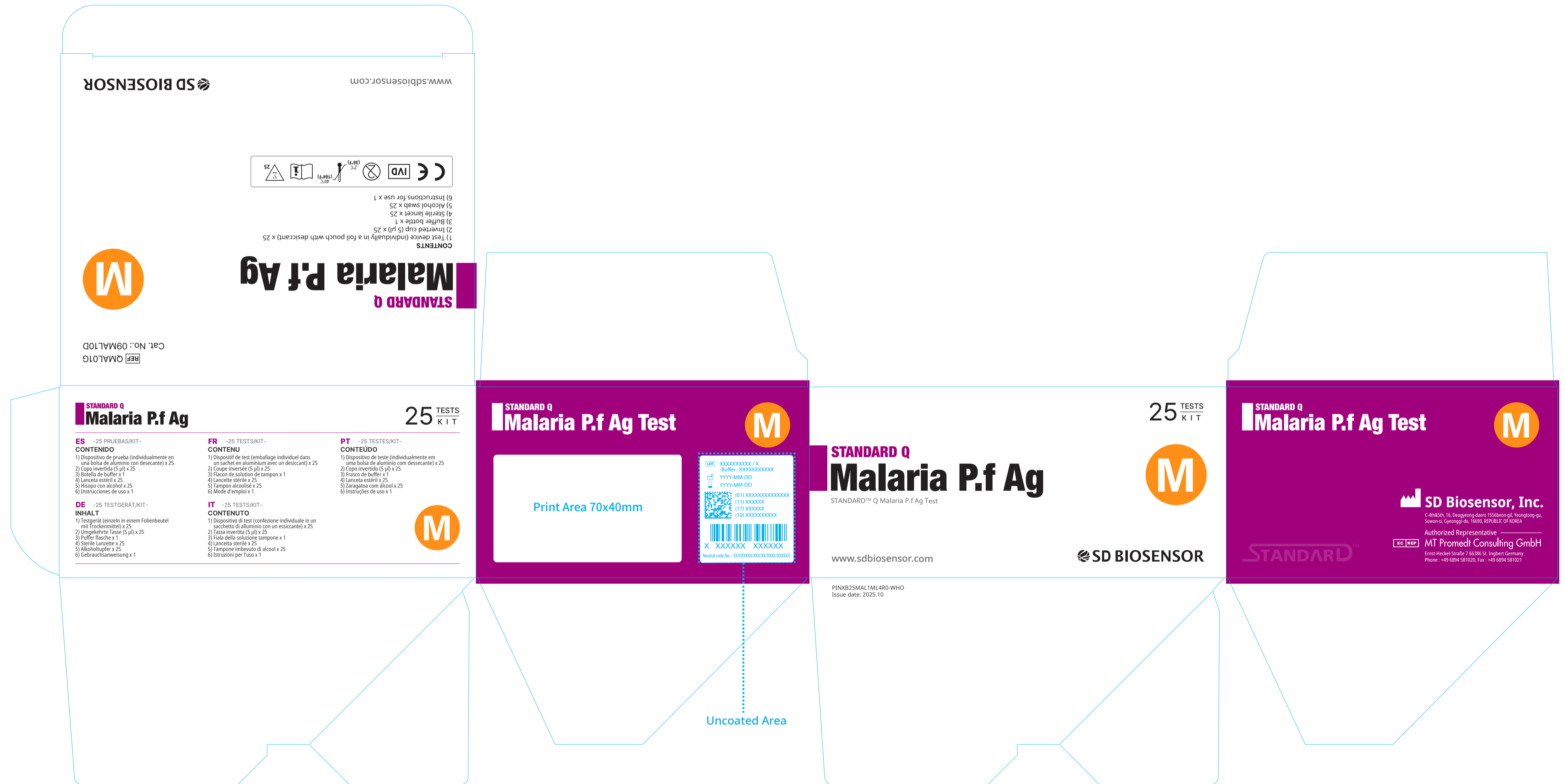
SD Biosensor, Inc.
 16, Deogyong-daero 150beon-gil, Yeongtong-gu, Seowon-si, Gyeonggi-do, 16694, REPUBLIC OF KOREA
Manufacturing site
 Plot No.38, Sector 4, IMT Manesar, Gurgaon, Haryana 122052, INDIA
 Manufacturing License No.: MFG/MD/2018/00005
Authorized Representative
MT Promed Consulting GmbH
 Ernst-Heckel-Strasse 7 66386 St. Ingbert Germany
 Phone : +49 6894 581020, Fax : +49 6894 581021

Uncoated Area

STANDARD Q Malaria P.f Ag 25T_09MAL10D_인도제조소 X

Unit : mm

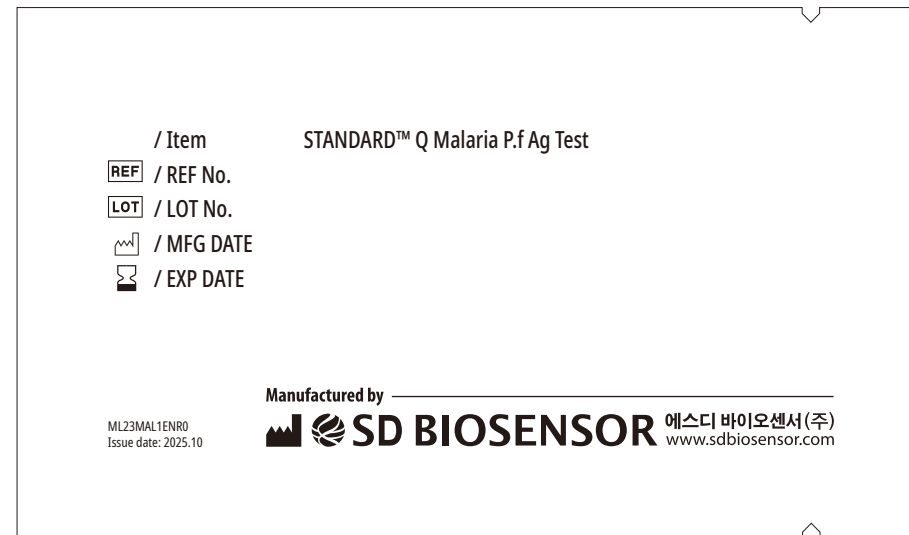
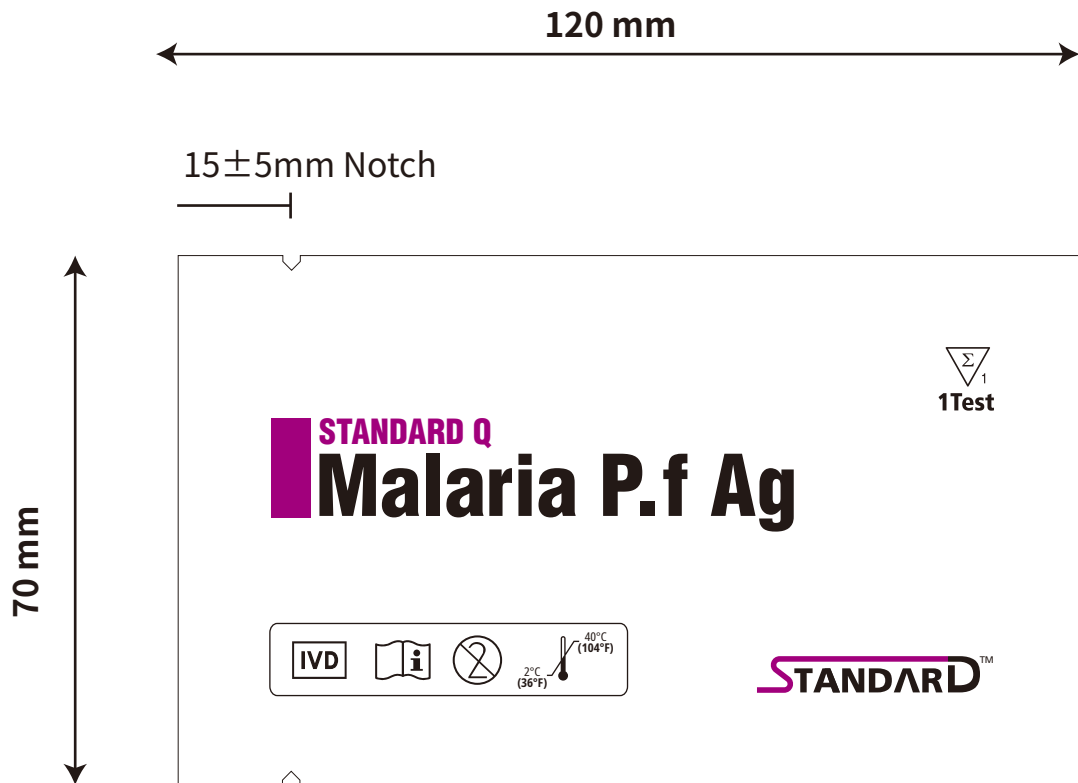
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Document number	PINXB25MAL1ML4R0-WHO	Post-processing	UV Coating + Uncoated Area / 3-side sealed
Size	W155 * D124 * H71	Issue date	2025.10.27
Material/gram	GC2 / 270g	Department	Product Planning Division



Q_Malaria P.f Ag_3방_2-40도

Unit : mm

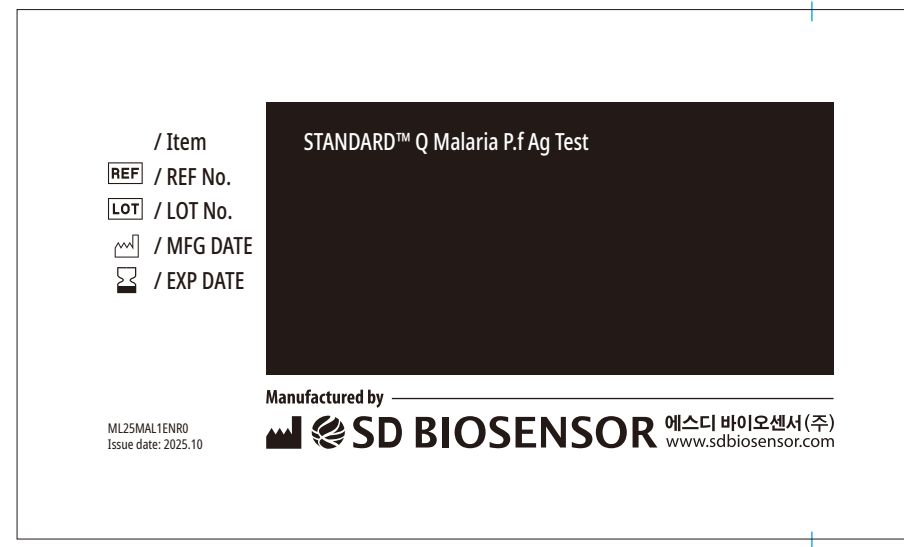
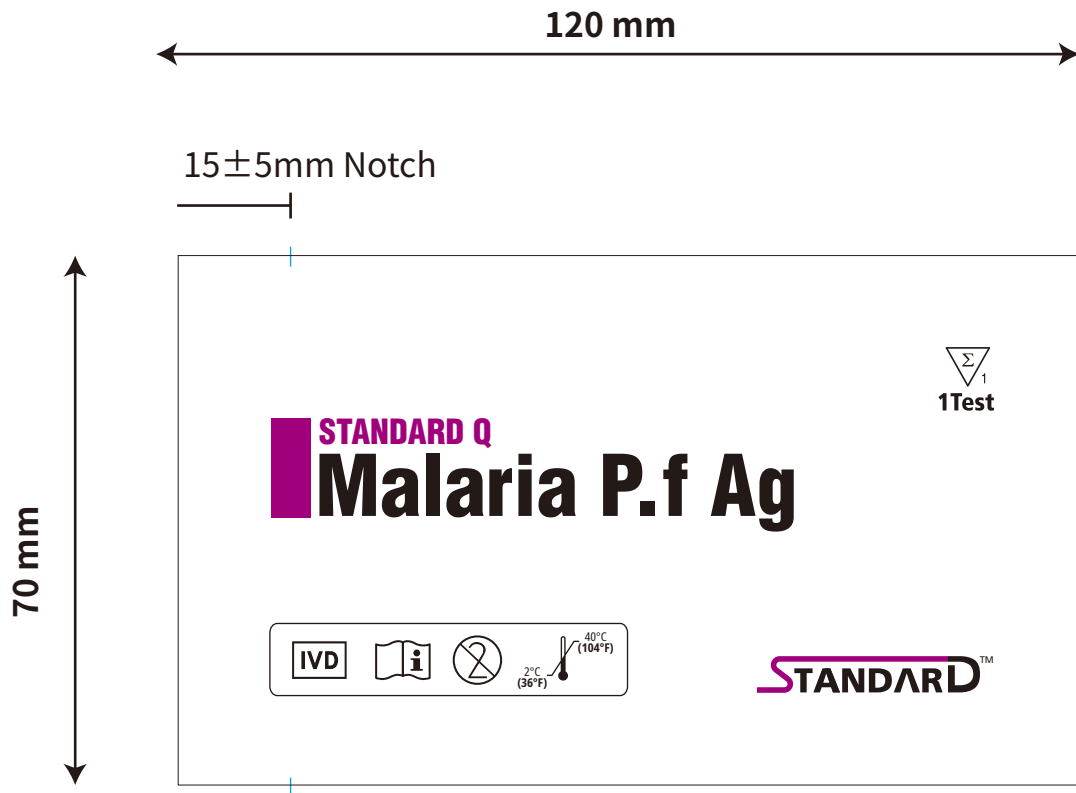
자재명	Pouch	도수	2도 (Pantone 2415C, 먹)
문안번호	ML23MAL1ENR0	후가공	양면 백색
크기	W120* H70	작업일자	2025.10.01
용지/질량	알루미늄	담당부서	상품기획본부



Q_Malaria P.f Ag_5열_2-40도

Unit : mm

자재명	Pouch	도수	2도 (Pantone 2415C, 먹)
문안번호	ML25MAL1ENR0	후가공	양면 백색
크기	W120* H70	작업일자	2025.10.01
용지/질량	알루미늄	담당부서	상품기획본부



STANDARD Q Malaria P.f Ag Test

Product Code: **507BA03**

Buffer bottle



XXXXXX



YYYY.MM.DD.

Vol : 4ml



YYYY.MM.DD.



2°C
(36°F)



40°C
(104°F)



L36RT1ENR1

Issue date : 2017.10

 SD BIOSENSOR

STANDARDTM

STANDARD Q Malaria P.f Ag_버퍼 라벨_IN

Unit : mm

자재명	Label	도수	2도 (역, Pantone 2415C)
문안번호	L3SRT0INOR0	후기공	
크기	W55 * H15	작업일자	2024.02.08
용지/질량	유포지 (p.p 80g)	담당부서	상용기획본부

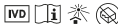
STANDARD Q Malaria P.f Ag Test

Product Code: R/MALAG

Buffer bottle

LOT XXXXXXXXXXXX

YYYY.MM.DD.



Vol : 4ml

YYYY.MM.DD.



L3SRT0INOR0
Issue date : 2023.12

SD BIOSENSOR

STANDARD™

P65-003_Inverted cup(80mm)25PCS_45×45

Inverted Cup 80mm

Code No. :
LOT No. :
Quantity : 25PCS
MFG Date :

 HLB Life Science Co.,LTD
104, Yongmeorikeun-gil, Gongdo-eup, Anseong-si,
Gyeonggi-do, Republic of Korea

 (01)08809899620670

 Cmc Medical Devices & Drugs S.L.
C/ Horacio Lengo n18 C.P. 29006 Malaga-Spain

 000002028E10

Inverted Cup 80mm

Code No. :
LOT No. :
Quantity : 25PCS
MFG Date :

 HLB Life Science Co.,LTD
104, Yongmeorikeun-gil, Gongdo-eup, Anseong-si,
Gyeonggi-do, Republic of Korea

 (01)08809899620670

 Cmc Medical Devices & Drugs S.L.
C/ Horacio Lengo n18 C.P. 29006 Malaga-Spain

 000002028E10

Inverted cup (5μl)

LOT No. : XXXXXX

EXP : YYYY.MM.DD.


Quantity : 25PCS

 **SD BIOSENSOR**



L15IC1ENR2
Issue date : 2020.02

Disposable Sterile Lancets

 LOT No. : **XXXXXX**

Product code : 01GL27

 MFG Date : **YYYY.MM.DD.**

 EXP Date : **YYYY.MM.DD.**

25 PCS
28G

INTENDED USE

To obtain a capillary blood specimen from the fingertip.

INSTRUCTIONS FOR USE

To use, twist-off the protective cap.

CAUTION

The lancet is guaranteed sterile while protective cap is sealed to the base.

Do not use if the seal has been damaged or broken.

B05SL2ENR0

Issue Date : 2020.07



Manufactured by

Tianjin Huahong Technology Co., Ltd.
A01, Plant B No. 278, Hangkong Road,
Tianjin Pilot Free Trade Zone
(Air Port Industrial Park),
300308 Tianjin, China



Authorized Representative

Shanghai International Holding Corp.
GmbH (Europe)
Eiffestrasse 80, 20537 Hamburg, Germany
Tel:+49-40-2513175



STERILE R



Disposable Sterile Lancets_Pouch_28G_25pcs

Unit : mm

Classification	Label	Color	1 color (K)
Document number	B06LCT2ENR4	Post-processing	
Size	W90 * H110	Issue date	2025.06.24
Material/gram	Printing on the pouch	Department	Product Planning Division

Disposable Sterile Lancets **28G** 25pcs

 LOT No. / 제조번호 :

 MFG Date / 제조년월일 :

 EXP Date / 사용기한 :

INSTRUCTIONS FOR USE

To use, twist-off the protective cap.

CAUTION

The lancet is guaranteed sterile while protective cap is sealed to the based.
Do not use if the seal has been damaged or broken.

Product code : 01GL25



품목명: 일회용 수동 랜셋
허가번호: 수인 18-4020 호
모델명: STANDARD™ Lancets-28G
수입업자: 에스더바이오앤서(주)

제조사: Beijing Ruicheng Medical Supplies Co., Ltd.
부착용 보고 관련 문의처: 한국의료기기안전정보원, 080-080-4183
일회용의료기기 / 재사용금지

 Manufactured by
Beijing Ruicheng Medical Supplies Co., Ltd.
Building 5, No.8 Yanqi West Road, Yanqi
Economic Development Zone, Huairou
District 101407 Beijing P.R. China

 Authorized Representative
Lotus Nl B.V.
Koningin Julianaplein 10, 1e Verd,
2595AK The Hague, Netherlands.
Tel: +31644168999
Email: info@lotusnl.com

B06LCT2ENR4
Issue date: 2025.06

SURFACE JOB

110MM

220MM

110MM

Disposable Sterile Lancets

Product code :SM.01

25PCS

28G

 LOT No. : XXXXXXXXX

 MFG Date : YYYY-MM

 EXP Date : YYYY-MM

INTENDED USE

To obtain a capillary blood specimen from the fingertip.

INSTRUCTIONS FOR USE

To use, twist-off the protective cap.

CAUTION

The lancet is guaranteed sterile while protective cap is sealed to the base. Do not use if the seal has been damaged or broken.

Issue Date : 2023.09

 Manufactured by

Phoenix Innovative Healthcare Manufacturers Pvt. Ltd.
E1-209, Shil Mahape Road, Electronic Zone, MIDC,
TTC Industrial Area, Mahape, Navi Mumbai - 400 710,
Maharashtra, India

 Authorized Representative

Med Path GmbH
Miles-van-der-Rohe-Strasse 8 80907
Munich, Germany

CE 0197

 STERILE




25 Pcs.

100MM

size: 95mm x 100mm No.256

95mm


Blood Lancet

 LOT No. : 240311

Product code : BL-28G

 MFG Date : 2024-03-11

25 PCS

 EXP Date : 2029-02-11

28G

INTENDED USE

To obtain the capillary blood specimen for test.

INSTRUCTIONS FOR USE

To use, twist-off the protective cap.

IFU-02-BL-01-NO.256

Issue Date: 2023-09-15

CAUTION

The lancet is guaranteed sterile while protective cap is sealed to the base.

Do not use if the seal has been damaged or broken.



Manufactured by

Guangzhou iCare Medical Technology Co., Ltd.
First floor A No.8, Lianhua Port Industrial Zone,
Lotus Mountain Bonded Area, Shilou Town,
Panyu District , Guangzhou,
People's Republic of China.

Tel: +86-020-31169913 Fax: +86-020-84881433



Authorized Representative

Shanghai International Holding Corp. GmbH (Europe)
Eiffestrasse 80, 20537 Hamburg, Germany

Tel: +49-40-2513175 Fax: +49-40-2513175

100mm



0123

STERILE



Instructions for use³

³ English version of the IFU was the one that was assessed by WHO. It is the responsibility of the manufacturer to ensure correct translation into other languages.

STANDARD Q Malaria P.f Ag

STANDARD™ Q Malaria Pf Ag Test

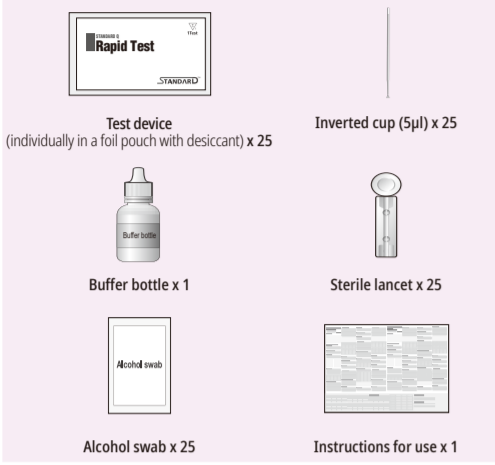


DE, IT

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE YOU PERFORM THE TEST



KIT CONTENTS



MATERIALS REQUIRED BUT NOT PROVIDED

- 1) Anti-coagulant tube containing heparin, EDTA or sodium citrate for collection of venous whole blood
- 2) Micropipette and tip
- 3) Timer
- 4) PPE (Personal Protective Equipment)
- 5) Pen/pencil
- 6) Extra lancets and alcohol swabs
- 7) Biosafety sharps container
- 8) Biohazard container
- 9) Sterile gauze

SPECIMEN COLLECTION AND PREPARATION

Capillary whole blood

1. Capillary whole blood should be collected aseptically by fingertick.
2. Select the finger that is not calloused and clean the fingertip by wiping with an alcohol swab.
3. Squeeze the end of the fingertip and pierce with a sterile lancet.
4. Wipe the first drop with a sterile gauze.
5. Collect the capillary whole blood and it must be tested immediately after collection.

Venous whole blood

1. Collect the venous whole blood into the commercially available anticoagulant tube such as heparin, EDTA, or sodium citrate by venipuncture.
2. If venous whole blood in an anti-coagulant tube is stored in a refrigerator at 2-8°C/ 36-46°F, the specimen can be used for testing within 72 hours after collection.
3. Do not use hemolyzed blood specimen.

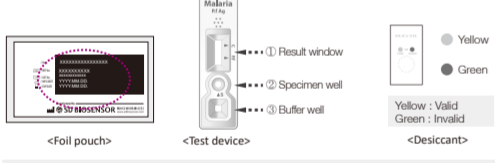
CAUTION

Anticoagulants such as heparin, EDTA, or sodium citrate do not affect the test result. As known relevant interference, hemolytic specimen, rheumatoid factors-contained specimen and lipaemic, icteric specimen may lead to inaccurate results. Use separate inverted cup for each specimen in order to avoid cross-contamination of either specimens which can cause erroneous results.

PREPARATION AND TEST PROCEDURE

Preparation

1. Carefully read the instructions for using the STANDARD Q Malaria Pf Ag Test.
2. Look at the expiry date at the back of the foil pouch. Use another lot, if expiry date has passed.
3. Open the foil pouch, and check the test device and the desiccant inside the foil pouch.



CAUTION

Bring the kit contents and the specimens to room temperature before testing.

Test Procedure

Capillary and venous whole blood can be used for the STANDARD Q Malaria Pf Ag Test.

1. Test with a sterile lancet

1. Select the finger that is not calloused and clean the fingertip by wiping with an alcohol swab.
-
2. Dry and pierce the wiped fingertip with a sterile lancet to bleed.
-

PERFORMANCE CHARACTERISTICS

Limit of Detection (LOD)

	P.f Line
	<i>Plasmodium falciparum</i>
Limit of detection (parasites/µL)	183

Potential Interfering Substances

STANDARD Q Malaria Pf Ag Test was evaluated with the following interfering substances present in specimen in order to assess their potential effect on the assay performance as per CLSI guideline EP7-A2. It was not possible to evaluate the effect of the following substances: artesunate-lumefantrine (malaria drug), doxycycline hydrate (malaria drug), lamivudine (retroviral medication), acetaminophen, ibuprofen, acetylsalicylic acid, bilirubin (uncjugated), caffeine, ethanol. There was no interference with Human anti-mouse antibody, whole blood of pregnant women, infant and neonate specimen and whole blood having elevated levels of hemoglobin, elevated levels of C-reactive protein and lipidemic specimen.

EXPLANATION AND SUMMARY

Introduction

Malaria remains an important cause of illness and death in children and adults in countries in which it is endemic. Globally, an estimated 3.2 billion people in 97 countries and territories are at risk of being infected with malaria and developing disease, and 1.2 billion are at high risk (>1 in 1,000 chance of getting malaria in a year). According to the World Malaria Report 2015, there were 210 million cases of malaria globally in 2015 (uncertainty range 149-303 million) and 438,000 malaria deaths (range 236,000-635,000), representing a decrease in malaria cases and deaths of 37% and 60% since 2000, respectively. The protozoal parasites that cause malaria are from *Plasmodium falciparum*, *vivax*, *ovale* and *malariae* with the first two species causing the most infections worldwide. Classic symptoms of malaria include fever, headache, chills, vomiting, shivering and convulsions. In some rare forms of *P. falciparum*, the patient may present with delirium or coma. Several anemia is often attributed to the cause of death from malaria. Accurate and prompt diagnosis of malaria is of utmost importance due to the morbidity associated with the other malaria forms. Rapid diagnostic test is an ideal diagnostic tool for malaria diagnosis in that it can provide a rapid determination if the patient is infected with malaria allowing for accurate treatment and improved outcomes. STANDARD Q Malaria Pf Ag Test, a reliable and sensitive screening test, would enhance the accuracy of the diagnosis of malaria infection and thus make clinical treatment decision effectively.

NOTE

<i>Pf.: Plasmodium falciparum</i>
<i>Pv.: Plasmodium vivax</i>
<i>Po.: Plasmodium ovale</i>
<i>Pm.: Plasmodium malariae</i>

Intended use

STANDARD Q Malaria Pf Ag Test is a rapid and membrane based immunochromatography for the qualitative detection of *Plasmodium falciparum* (*P. falciparum*) specific Histidine Rich Protein Z (HRP-2) in human capillary and venous whole blood specimens of patients suspected of having malaria. STANDARD Q Malaria Pf Ag Test is intended to be used by trained healthcare or laboratory professionals or other health care workers who have received appropriate training. This product can be used by trained lay providers operating in point-of-care settings in resource-limited lower- and middle-income countries. This product is not intended for self-testing.

Test principle

STANDARD Q Malaria Pf Ag Test contains two pre-coated lines, "P.f" (*P. falciparum*) as test line and "C" as control line on the surface of the nitrocellulose membrane. Both test line and control line in the result window of the test device are not visible before applying any specimens. Monoclonal anti-*P. falciparum* HRP-2 is coated on the test line region and monoclonal anti-chicken IgY is coated on the control line region. During the test, the *P. falciparum* specific HRP-2 in the specimen reacts to the gold-conjugated monoclonal anti-Malaria HRP-2 and binds to it. Any *P. falciparum* specific HRP-2 antigen-antibody gold particle complex also migrates with the buffer and is immobilized by monoclonal anti-*P. falciparum* HRP-2 at the test line to formation of a violet test colored band which confirms a positive result. Absence of this violet colored band indicates a negative result. The control line is used for procedural control, and should always appear if the test procedure is performed properly and the test reagents of the control line are working.

KIT STORAGE AND STABILITY

1. Store the sealed pouch and the buffer provided in the kit at 2-40°C/36-104°F out of the direct sunlight for the duration of its shelf life.
2. Do not open the foil pouch until you are ready to perform a test.
3. Close the buffer cap tightly after using, and then store it at 2-40°C/36-104°F out of the direct sunlight. It is stable until the expiry date of the kit and the buffer label after opening its cap, if it is tightly closed.

WARNINGS AND PRECAUTIONS

1. Do not freeze.
2. Do not use beyond the expiration date.
3. Do not re-use the test kit.
4. Do not use the test kit if the pouch is damaged or the seal is broken.
5. Do not use buffer of another lot.
6. Do not smoke, drink or eat while handling specimen.
7. Wear personal protective equipment, such as gloves and lab coats when handling kit reagents. Wash hands thoroughly afterwards.
8. Clean up spills thoroughly using an appropriate disinfectant.
9. Handle all specimens as if they contain infectious agents.
10. Observe established precautions against microbiological hazards throughout testing procedures.
11. Dispose of all specimens and materials used to perform the test as bio-hazard waste. Laboratory chemical and bio-hazard wastes must be handled and discarded in accordance with all local, state, and national regulations.
12. In the pouch, there is a desiccant containing a humidity indicator, the humidity indicator should be yellow. If the humidity indicator is green, throw away the test device and take another test device. Throw away the desiccant in the nonsharps (non-infectious) disposal.
13. Before testing, check that the lot number of buffer on the bottle matches the lot number of buffer on the package and the pouch you are using.
14. The buffer contains 0.095% sodium azide as a preservative which may be toxic if ingested. When disposed of through a sink, flush with large quantities of water.
15. For *in vitro* diagnostic use only.

LIMITATION OF TEST

1. The test procedure, precautions, and interpretation of results for this test must be followed strictly when testing.
2. STANDARD Q Malaria Pf Ag Test is designed for use only on human capillary and venous whole blood specimens.
3. Other clinically available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the results of a single test, but should only be made by the physician after all clinical and laboratory findings have been evaluated.

QUALITY CONTROL

1. A colored line appearing in the control line is an internal reagent and procedural control. It will appear if the test has been performed correctly and the reagent is reactive.
2. Control materials are not supplied with this test kit. However, it is recommended that positive and negative controls be tested as a good laboratory practice to confirm the test procedure and to verify proper test performance.
3. If there is a problem with the result such as invalid result, retest with a new kit and/or specimen. If the problem is repeated, contact SD Biosensor through your local distributor.

***This test only indicates the presence of Histidine-Rich protein 2 (HRP2) of Plasmodium falciparum in human capillary and venous whole blood specimen and should not be used as the sole criteria for the diagnosis of malaria. As other diagnostic tests, all test results should be considered with other clinical history available.**

Potential Cross-reacting Substances

STANDARD Q Malaria Pf Ag Test had no cross-reaction with the following microorganisms such as other hepatitis (Hepatitis A virus, Hepatitis B virus, Hepatitis C virus), Respiratory infectious disease (Influenza A, B), Vector-borne infectious disease (Chikungunya virus, Zika virus, Dengue virus, Yellow fever virus), Intestinal infectious disease (Rotavirus, E. coli (K99), *Salmonella* Typhi), *Streptococcus pneumoniae*, *Streptococcus pyogenes*, *Legionella pneumophila*, *Treponema pallidum*. Also, this product had no cross-reaction with HIV Seroconversion panel, HCV positive plasma, HCV core Ag positive plasma, Hbs Ag positive plasma, HAV IgM positive plasma, Dengue IgM positive plasma, Tick borne encephalitis IgM positive plasma, Chikungunya positive plasma, Zika virus positive plasma, *Salmonella* typhi IgM positive plasma, *Leishmania* positive plasma, Japanese Encephalitis positive plasma, *Brucella* IgM positive plasma and West Nile Virus positive plasma.

STANDARD Q Malaria P.f Ag

STANDARD™ Q Malaria Pf Ag Test

POR FAVOR LEA CUIDADOSAMENTE ANTES DE REALIZAR LA PRUEBA



CONTENIDO DEL KIT



MATERIALES REQUERIDOS NO SUMINISTRADOS

- 1) Tubo anticoagulante con heparina o EDTA para recolección de sangre entera venosa
- 2) Micropipeta y punta
- 3) Temporizador
- 4) EPP (Equipamiento de protección personal)
- 5) Bolígrafo/Lápiz
- 6) Lancetas y torundas con alcohol adicionales
- 7) Contenedor seguro para artículos agudos
- 8) Contenedor para residuos biológicos
- 9) Gasa estéril

RECOLECCIÓN Y PREPARACIÓN DE MUESTRA

Sangre entera capilar

1. La sangre entera capilar debe ser recolectada asepticamente desde el extremo de un dedo.
2. Seleccione un dedo sin callosidad y limpie la yema frotando con un hisopo con alcohol.
3. Presione el extremo del dedo y haga una punción con una lanceta estéril.
4. Limpie la primera gota con una gasa estéril.
5. Recolecte la sangre entera capilar y realice la prueba inmediatamente.

Sangre entera venosa

1. Recolecte la sangre entera venosa en un tubo de disponibilidad comercial con anticoagulante como heparina, EDTA o citrato de sodio mediante venopunción.
2. Si la sangre entera venosa en un tubo anticoagulante es almacenada en un refrigerador entre 2-8°C/36-46°F, la muestra puede ser utilizada para prueba hasta 72 horas luego de la recolección.
3. No utilice muestras de sangre hemolizadas.

CAUTION

Anticoagulantes tales como heparina o EDTA no afectan el resultado de la prueba. Se sabe que muestras hemolíticas, muestras con factores reumatoides y lípidicos y muestras con ictericia son causas de interferencia relevantes y pueden perjudicar el resultado. Utilice copias invertidas diferentes para cada muestra para evitar la contaminación cruzada entre las muestras, pues esto puede generar resultados erróneos.

PROCEDIMIENTO DE PREPARACIÓN Y PRUEBA

Preparación

1. Lea cuidadosamente las instrucciones de uso de la prueba STANDARD Q Malaria Pf Ag.
2. Verifique la fecha de caducidad en el reverso de la bolsa de aluminio. Utilice otro lote si la fecha ha sido sobrepasada.
3. Abra la bolsa de aluminio y verifique el estado del dispositivo de prueba y del desecante en el interior.



CAUTION

Permita que el contenido del kit y las muestras alcancen la temperatura ambiente antes de la prueba.

Procedimiento de prueba

Para la prueba STANDARD Q Malaria Pf Ag se puede emplear sangre entera tanto venosa como capilar.

1. Prueba con una lanceta estéril

1. Seleccione un dedo sin callosidad y limpie el extremo frotando con un hisopo con alcohol.
-
2. Seque y haga una punción en la zona limpia con una lanceta estéril para obtener una gota de sangre.
-

Diagnostic Sensitivity & Specificity

1. Venous whole blood

1593 venous whole blood specimen were tested using the STANDARD Q Malaria Pf Ag Test to determine its clinical sensitivity and specificity.

[Clinical sensitivity] 99.59% (487/489, 95% CI: 98.53-99.95%)

[Clinical specificity] 100% (1104/1104, 95% CI: 99.67-100%)

STANDARD Q Malaria Pf Ag Test	Venous whole blood	Reference Method (Microscopy)		
		P.f. Positive	Negative	Total
	Positive	487	0	487
	Negative	2	1104	1106
	Total	489	1104	1593

EXPLICACIÓN Y RESUMEN

Presentación

La malaria continúa siendo una importante causa de enfermedad y muerte entre niños y adultos en los países donde es endémica. Se estima que globalmente 3.200 millones de personas en 97 países y territorios se encuentran expuestos al riesgo de infección con malaria y 1.200 millones se encuentran expuestos a un riesgo alto (Probabilidad de infección con malaria >1 en 1.000 anualmente). De acuerdo con el Informe Mundial de Malaria 2015, ese año se presentaron 210 millones de casos de malaria a nivel global (rango de incertidumbre 149-303 millones) y 438.000 muertes por malaria (rango 236.000 - 635.000) lo que representa una disminución en los casos de malaria y muertes asociadas de 37% y 60% respectivamente en relación al año 2000. Los parásitos protozoos que causan la malaria pertenecen a las especies *Plasmodium falciparum*, *vivax*, *ovale* y *malariae* y son las dos primeras especies las responsables de la mayoría de las infecciones a nivel global. Entre los síntomas de malaria clásicos se encuentran fiebre, dolor de cabeza, escalofríos, vómito, temblores y convulsiones. En casos excepcionales de *P. falciparum*, es posible que el paciente experimente delirio o coma a causa de muerte por malaria a menudo se atribuye a una anemia severa. Un diagnóstico de malaria preciso y oportuno es sumamente importante a raíz de la morbilidad asociada con otras formas de malaria. Una prueba de diagnóstico rápido es un recurso ideal para diagnosticar malaria, ya que con ésta es posible establecer oportunamente si un paciente está infectado con malaria, lo que hace posible un tratamiento preciso y mejora los resultados. La prueba STANDARD Q Malaria Pf Ag es un método de control sensible y confiable capaz de mejorar la precisión de los diagnósticos de infección por malaria y por lo tanto aumenta la efectividad del tratamiento clínico.

NOTA

<i>Pf.: Plasmodium falciparum</i>
<i>Pv.: Plasmodium vivax</i>
<i>Po.: Plasmodium ovale</i>
<i>Pm.: Plasmodium malariae</i>

Usó previsto

La prueba STANDARD Q Malaria Pf Ag es rápida y se basa en tecnología de inmunocromatografía de membrana para la detección cualitativa de proteína Histidina-Rich 2 (HRP-2) específica del *Plasmodium falciparum* (*P. falciparum*) en muestras de sangre entera capilar y venosa de pacientes posiblemente afectados con malaria. La prueba STANDARD Q Malaria Pf Ag ha sido diseñada para el uso por parte de profesionales entrenados en las áreas de salud y laboratorio o por trabajadores sanitarios que han recibido entrenamiento adecuado. Este producto puede ser empleado por individuos entrenados no especialistas operativos en puntos de cuidado en condiciones de recursos limitados en países de ingreso medio-bajo. Este producto no ha sido diseñado para el autocontrol.

Principio de prueba

La prueba STANDARD Q Malaria Pf Ag contiene dos líneas precubiertas, "P.f" (línea *P. falciparum*) como línea de prueba y "C" como línea de control en la superficie de una membrana de nitrocelulosa. Las líneas de prueba y control en la ventana de resultado del dispositivo de prueba no son visibles antes de la aplicación de muestra. La zona de la línea de prueba está cubierta con anti-*P. falciparum* HRP-2 monoclonal y la zona de la línea de control está cubierta con anti-pollo IgY monoclonal. Durante la prueba, la HRP-2 específica para *P. falciparum* en la muestra reacciona con la HRP-2 anti-Malaria monoclonal conjugada en oro y luego se le vincula. Cualquier complejo de partícula de oro antígeno-anticuerpo HRP-2 específico para *P. falciparum* migra también con la solución tampón y es inmovilizado por la HRP-2 anti-*P. falciparum* monoclonal en la línea de prueba para formar la marca de prueba de color violeta que confirma un resultado positivo. La ausencia de esta marca de color violeta indica un resultado negativo. La línea de control es usada para control procedimental y aparecerá siempre que el procedimiento sea realizado adecuadamente y los reactivos de prueba de la línea control funcionan correctamente.

ALMACENAMIENTO Y ESTABILIDAD

1. Almacene la bolsa de aluminio sellada y la buffer suministrada a temperatura entre 2-40°C/36-104°F fuera del alcance de la luz solar directa todo su periodo de duración.
2. No abra la bolsa de aluminio sellada hasta que esté listo para hacer una prueba.
3. Después del uso, asegure la tapa de la buffer y guárdela a temperatura entre 2-40°C/36-104°F fuera del alcance de la luz solar directa. La buffer es estable hasta la fecha de caducidad del kit indicada en la etiqueta si la tapa se encuentra bien cerrada.

ADVERTENCIAS Y PRECAUCIONES

1. No congele el kit de prueba.
2. No utilice más allá de la fecha de caducidad.
3. No reuse el kit.
4. No utilice el kit si la bolsa está dañada o el sello roto.
5. No utilice la buffer de otro lote.
6. No fume, beba ni coma mientras manipula las muestras.
7. Vista equipamiento de protección personal como guantes y delantal durante la manipulación de los reactivos del kit. Lave sus manos completamente después de la prueba.
8. Limpie completamente cualquier derrame usando para ello el desinfectante adecuado.
9. Manipule todas las muestras como si contuviesen agentes infecciosos.
10. Respete las precauciones establecidas contra peligros microbianos durante todo el procedimiento de prueba.
11. Deshágase de todas las muestras y materiales utilizados para realizar la prueba como si se tratara de desecho sanitario. Elementos químicos de laboratorio y desechos sanitarios deben ser manipulados y descartados en concordancia con todas las regulaciones locales, regionales y nacionales.
12. En la bolsa de aluminio sellada se encuentra un desecante con indicador de humedad. El indicador de humedad debe ser amarillo. Si el indicador de humedad se encuentra verde, deshágase de aquel dispositivo de prueba y utilice otro. Tire el desecante en un contenedor para elementos no infecciosos, no agudos.
13. Antes de la prueba, asegúrese de que el número de lote de la botella de solución tampón coincida con el número de lote de buffer en el empaque y bolsa de aluminio que está empleando.
14. La buffer contiene 0,095% de azida de sodio como preservante, que puede ser tóxica si se ingiere. Si desecha la solución en el fregadero, asegúrese de escurrir con abundante agua.
15. Sólo para uso en diagnóstico *in vitro*.

LIMITACIONES DE LA PRUEBA

1. Cuando realice la prueba, debe seguir estrictamente las indicaciones del procedimiento de prueba, precauciones e interpretación de resultados.
2. La prueba STANDARD Q Malaria Pf Ag ha sido diseñada para uso únicamente con muestras de sangre entera capilar y venosa de origen humano.
3. Si los resultados de prueba obtenidos son cuestionables, se requiere de otras pruebas clínicas. Como sucede con todas las pruebas de diagnóstico, un diagnóstico clínico definitivo no debe basarse en los resultados de una prueba individual, sino que debe ser establecido solamente por un médico después de haberse evaluado todos los hallazgos de laboratorio y clínicos.

CONTROL DE CALIDAD

1. La marca de color en la línea de control es un reactivo interno y control procedimental. Aparecerá si la prueba ha sido desarrollada adecuadamente y los reactivos se encuentran activos.
2. Para este kit de prueba no se consideran materiales de control. Sin embargo, se recomienda aplicar controles negativos y positivos como una buena práctica de laboratorio para confirmar el procedimiento de prueba y para verificar el correcto desempeño de la prueba.
3. Si existe algún inconveniente, como resultado imprevisto, repita la prueba con una nueva muestra y/o kit. Si el inconveniente persiste, contáctese con SD Biosensor mediante su distribuidor local.

2. Capillary whole blood

580 capillary whole blood specimen were tested using the STANDARD Q Malaria Pf Ag Test to determine its clinical sensitivity and specificity.

[Clinical sensitivity] 99.38% (322/324, 95% CI: 97.79-99.93%)

[Clinical specificity] 100% (256/256, 95% CI: 98.57-100%)

STANDARD Q Malaria Pf Ag Test	Capillary whole blood	Reference Method (Microscopy)		
		P.f. Positive	Negative	Total
	Positive	322	0	322
	Negative	2	256	258
	Total	324	256	580

