

2019 | NOVEMBER | 7

Waste Management

DELFIN RUBIN
GLOBAL PRODUCT MANAGER - HIV CARE
INFECTIOUS DISEASE EMERGING MARKETS, ABBOTT RAPID DIAGNOSTICS

Agenda

- **Abbott 2020 Goals**
- **EID / VL Market**
- **Source of instrument of waste**
 - VL
 - Detect
- **Data Safety Sheet**

Company Statement

The content that will follow is general and that each facility is obliged to follow national or international guidelines for the management of biomedical waste

Material being presented is intended for November 7th 2019 ASLM Waste Management session.

Information is continuously updated and should not be used as reference.

2020 ENVIRONMENTAL TARGETS PROGRESS

2010 BASELINE → 2018* → 2020 TARGET*



REDUCTION
IN CO₂e
EMISSIONS

42%[†]

40%



REDUCTION
IN TOTAL
WATER INTAKE

27%

30%



REDUCTION
IN TOTAL
WASTE

44%

50%

*Normalized by sales

[†]Calculated using the market-based method



HONORS AND AWARDS

WE'RE RECOGNIZED AROUND THE WORLD FOR RESPONSIBLE AND SUSTAINABLE BUSINESS

Dow Jones Sustainability Index

We were named the global Industry Leader in Health Care Equipment & Supplies for six consecutive years (2013-2018) for our strong environmental, social and economic performance.

Best Corporate Citizens

Corporate Responsibility magazine named us among the top 100 companies for 11 consecutive years (2009-2019), and the healthcare sector leader in 2017.

Fortune's Change the World

Fortune magazine included us on their 2018 "Change the World" list, which recognizes companies for delivering shared value by making positive social impacts through their core business.

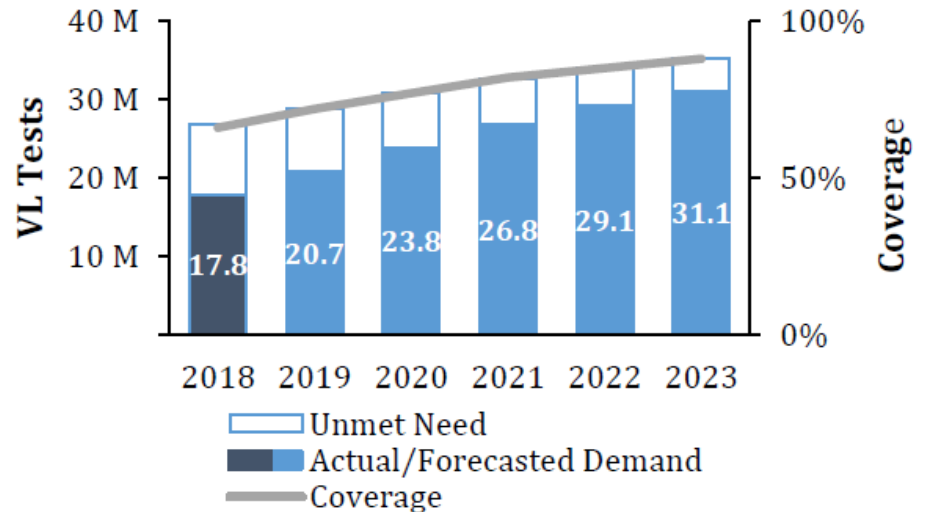
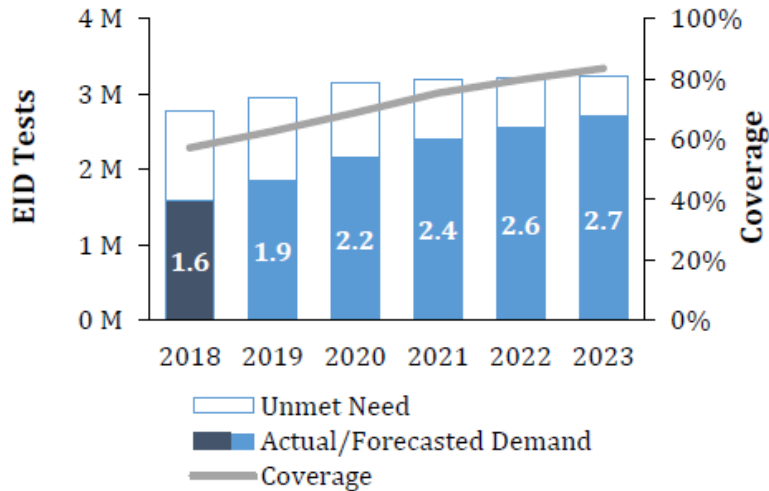
Fortune's Most Admired Companies

We were ranked No. 1 for Social Responsibility in our industry sector on *Fortune's* Most Admired Companies list for six consecutive years (2014-2019).

EID & VL test

As with EID testing, country programs continue to scale up their VL programs with nearly 18 million tests run in 2018 in LMICs.

CHAI projects that the number of VL tests run could double by 2023, reaching 31 million tests

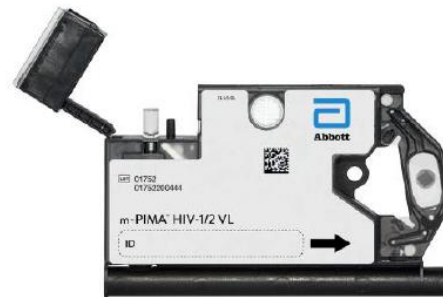


m-PIMA

Fully automated and rugged nucleic acid testing platform combines the accuracy of molecular testing with a short turnaround time. It allows same-day diagnosis and treatment decisions for patients. The portable m-PIMA™ Analyzer brings HIV early infant diagnosis and HIV viral load testing to a wide range of settings



D 31cm x W 20cm x H 22cm



Viral Load HIV 1/2
50 uL plasma



Detect HIV 1/2
25 uL Blood or plasma

m-PIMA Cartridge



Made predominantly of polypropylene



Cartridge Pouch: Non-contaminated packaging materials may be recycled.

Made from aluminum

Source: Safety Data Sheet

m-PIMA Cartridge

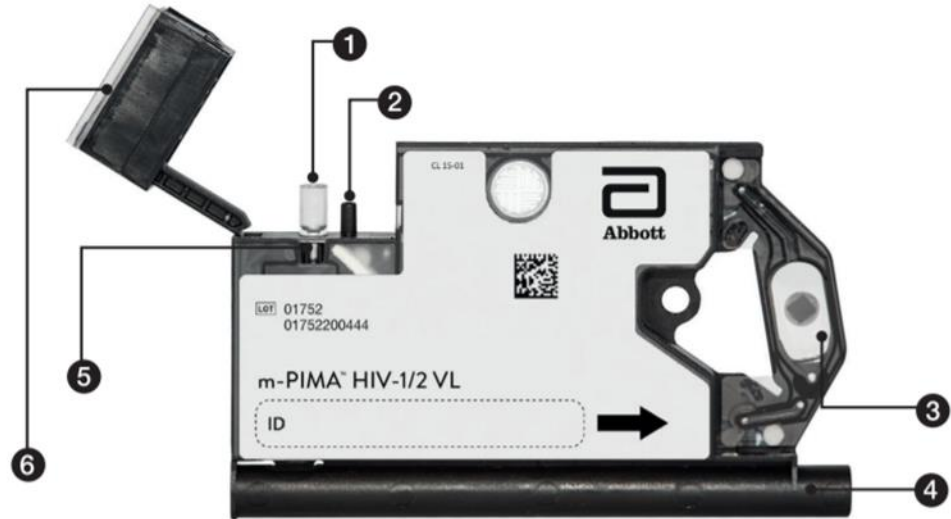
Plastic

Lysis

Filter

Bead Sieve

Micro Array



- | | | | | | |
|---|------------------|---|----------------|---|-----------------|
| 1 | Sample Capillary | 2 | Air Channel | 3 | Reactor Chamber |
| 4 | Buffer Reservoir | 5 | Control Window | 6 | Cartridge Cap |

Safety Data Sheet VL

Section 3: Composition

| Hazardous ingredient(s) | CAS No. | EC No. | REACH Registration No. | Classification code: Hazard Statement(s) | %W/W |
|--|-------------|-----------|---------------------------|---|------------|
| Guanidine HCl | 50-01-1 | 200-002-3 | Not available | Acute Tox. 4; H302, H332 Skin Irrit. 2; H315 Eye Irrit. 2, H319 | 50 - 100 |
| Na ₄ EDTA·4H ₂ O | 194491-31-1 | 200-573-9 | Not available | Acute Tox. 4; H302 Eye Dam. 1; H318 | 1 - 5 |
| N-Lauroylsacrosine | 137-16-6 | 205-281-5 | Not available | Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 | 0.1 – 1.0 |
| Proteinase K | 39450-01-6 | 254-457-8 | Not available | Skin Irrit. 2; H315 Eye Irrit. 2, H319 STOT SE 3; H335 | 0.1 – 0.5] |
| | | | | Resp. Sens. 1; H334 | |
| Sodium azide* | 26628-22-8 | 247-852-1 | Not available | Acute Tox. 2; H300 Acute Tox. 1; H310 STOT RE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH032 | < 0.1 |

Safety Data Sheet VL

Section 3: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product:

Dispose of as potentially biohazardous waste and in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

European waste catalogue:

18 01 03.

Packaging:

Disposal should be in accordance with local, state or national legislation.

Contaminated packaging must be disposed of in the same manner as the product.

Non-contaminated packaging materials may be recycled. Contact your local service providers for further information.

Safety Data Sheet Detect (EID)

Section 3: Composition

| Hazardous ingredient(s) | CAS No. | EC No. | REACH Registration No. | EC Classification and Hazard statement(s) | %W/W |
|--|-------------|-----------|------------------------|---|-----------|
| K ₃ EDTA·2H ₂ O | 65501-24-8 | 241-543-5 | Not available | Eye Irrit. 2; H319 Aquatic Chronic 3; H412 | 50 - 100 |
| Guanidine HCl | 50-01-1 | 200-002-3 | Not available | Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2, H319 | 50 - 100 |
| Na ₄ EDTA·4H ₂ O | 194491-31-1 | 200-573-9 | Not available | Acute Tox. 4; H302 Eye Dam. 1; H318 | 1 - 5 |
| N-Lauroylsarcosine | 137-16-6 | 205-281-5 | Not available | Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 | 0.5 - 1 |
| Proteinase K | 39450-01-6 | 254-457-8 | Not available | Skin Irrit. 2; H315 Eye Irrit. 2, H319 STOT SE 3; H335 Resp. Sens. 1; H334 | 0.1 – 0.5 |
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