

VerePLEX™ Biosystem

Components include:

- Temperature Control System
- Optical Reader
- Touch Monitor/Laptop*
- Barcode Reader
- VerePLEX™ Biosystem Software



*Only compatible with selected products



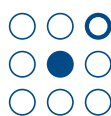
Rapid

Target detection from 2 hours



Easy to use

Minimal training required



Multiplexing

Detects, Differentiates and Identifies targets in 1 test



Random Access

Run any chip at any time



Scalable

Up to 200 tests per day

VereChip™

Detects, Differentiates and Identifies in **ONE** test



VereBeef™



Targets:

- *Escherichia coli* O157:H7
- Big 6 Non- O157 *E. coli* (O26, O45, O103, O111, O121, O145)
- *Salmonella* species
- STEC virulence genes (stx1A, stx 2A, eae)

VereFluPlus™



Targets:

- Avian & Human Influenza A
- HA subtypes (H1, H3, H5, H7, H9)
- NA subtypes (N1, N2, N6, N8, N9)
- Influenza B

VereThreat™ R



Targets:

- *Bacillus anthracis*
- *Francisella tularensis*
- *Yersinia pestis*
- Variola Virus
- Ricin



Biosurveillance



Food Safety



Infectious Diseases

VereFever™



Targets:

- Chikungunya Virus
- Dengue Virus (DENV 1, DENV 2, DENV 3, DENV 4)
- Japanese Encephalitis Virus
- Malaria (*Plasmodium falciparum*, *Plasmodium knowlesi*, *Plasmodium malariae*, *Plasmodium ovale*, *Plasmodium vivax*)
- West Nile Virus
- Yellow Fever Virus
- Zika Virus

IVD

Available soon for selected targets.

VereFoodborne™



Targets:

- *Bacillus* species
- *Campylobacter coli*/
jejuni/*lari*
- *Clostridium perfringens*
- *Cronobacter sakazakii*
- *Listeria* species
- *Salmonella* species
- Shiga toxin-producing
Escherichia coli (STEC)
- *Shigella* species
- *Staphylococcus aureus*
- *Vibrio cholera*
- *Vibrio parahaemolyticus*
- Shiga toxin genes
(*stx1A*, *stx2A*)

VereMTB™



Targets:

- *Mycobacterium tuberculosis* complex (MTBC)
- Nontuberculous mycobacteria (NTM)
 - *Mycobacterium abscessus*/
chelonae
 - *Mycobacterium avium*
 - *Mycobacterium chimaera*/
colombiense/*intracellulare*/
vulneris
 - *Mycobacterium fortuitum*
 - *Mycobacterium gastri*/
kansasii/*mantenii*/
scrofulaceum/*simiae*
 - *Mycobacterium xenopi*
- MTB Drug Resistance
 - Rifampicin resistance
 - Isoniazid resistance

VereMERS™



Targets:

- Middle East Respiratory Syndrome Coronavirus (MERS-CoV)

VereType-E™



Targets:

- *Escherichia coli* O157: H7
- Non- O157 *E. coli* (O26, O45, O103, O111, O121, O145)
- *Salmonella* species
- STEC virulence genes (*stx1A*, *stx 2A*, *eae*, *γeae*, *ehxA*)



Biosurveillance



Food Safety



Infectious Diseases

ORDERING INFO

Product Name	Catalog No.
VerePLEX™ Biosystem LIMS COMPATIBLE	VPLX-BLL
VerePLEX™ Biosystem	VPLX-BSS
VereBeef™ Detection Kit	VBEF-AA50
VereFever™ Detection Kit	VFVR-RA50
VereFever™ Detection Kit (IVD)	VFVR-CA50
VereFluPlus™ Detection Kit	VFLF-RA50
VereFoodborne™ Detection Kit	VFBN-RA50

Product Name	Catalog No.
VereMERS™ Detection Kit	VMER-RA50
VereMTB™ Detection Kit	VMTB-RA50
VereThreat™ Detection Kit	VTRT-RA50
VereThreat™ R Detection Kit	VTRR-RA50
VereType-E™ Detection Kit	VTPE-RA50

Veredus Laboratories Pte Ltd

83 Science Park Drive #04-02, Singapore 118258

Phone **+65 6496 8600** • Fax **+65 6779 2680** • Email info@vereduslabs.com

Website <http://www.vereduslabs.com>

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