

SUPPORTING INDONESIA IN THE **Combat Against COVID-19**

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus, that was identified in late 2019 and was declared a pandemic on March 11, 2020.

Order Information

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COVID-19 Molecular Diagnostics Product Portfolio

Sample Collection

Fluid Sample Collection Kit:

- Nasal / Oral Swab
- Virus Transport Medium
- Nasal Swab + Oral Swab + Virus Transport Medium



Screening with Rapid Test:

Lateral Flow Assay



- AB Type Lateral Flow Assay
- AG Type Lateral Flow Assay

Fluorescence Immunoassay



Detection & Confirmation with qPCR

Automated RNA Isolation and Amplification



Manual RNA Isolation and Amplification

Reagent



Instrument



RNA Quantification



Auxiliary Equipment

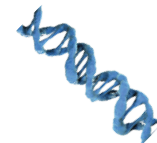
- PCR Box
- Pipettor
- Centrifuge
- Filter Tips



Follow-up

DNA Sequencing

- Standard Seq / NGS:



Long Read Sequencing





SWAB + VTM

NO	CAT #	PRODUCT DESCRIPTION	QTY	Unit
1	43903-B	Nasal & Oral Swab + 10/12ML Tube (with 3ML Medium), 1000 Pcs/Box	1	Box



RAPID TEST IgG+IgM

NO	CAT #	PRODUCT DESCRIPTION	QTY	Unit
1	5513C	qSARS-CoV-2 IgG/IgM Cassette Rapid Test, 25 tests	1	Box

qPCR SARS nCoV-2 DETECTION SYSTEMS PACKAGE

Package Instrument

PACKAGE INSTRUMENT I: MYGO PRO + GENESIG



NO	CAT #	PRODUCT DESCRIPTION	BRAND	QTY	Unit
1	1384	MyGo Pro ESR, qPCR Instrument	IT-IS	1	Set
2	Z-genesigEASY-MR	genesig magnetic separation rack	Genesig	1	Unit
3	11231BBC86	Class II A2 Biological Safety Cabinet	BioBase	1	Unit
4	LZ-BD01	PCR Cabinet	Lazuli	1	Unit

Package Reagents

PACKAGE REAGENTS I: VELA DIAGNOSTIC



NO	CAT #	PRODUCT DESCRIPTION	BRAND	QTY	Unit
1	300681	ViroKey SARS-CoV-2 RT-PCR Test. (192 Reaction)	Vela Diagnostic	1	Kit
2	300042	Sentosa SX Virus Total Nucleic Acid Kit v2.0 (192 Reaction)	Vela Diagnostic	1	Kit
3	740.965.250	NucleoSpin RNA Virus (250 Preps)	Macherey Nagel	1	Kit

PACKAGE INSTRUMENT II: VELA DIAGNOSTIC



NO	CAT #	PRODUCT DESCRIPTION	BRAND	QTY	Unit
1	SX101	Sentosa SX101 Automated Extraction Instrument	Vela Diagnostic	1	Unit
2	SA201	Sentosa SA201 PCR instrument and SA201 Reporter	Vela Diagnostic	1	Unit
3	SX101-SA201	Sentosa SX101 and Sentosa SA201 Automation Bundle	Vela Diagnostic	1	Set
4	LZ-BD01	PCR Cabinet	Lazuli	1	Unit

PACKAGE REAGENTS II: GENESIG



NO	CAT #	PRODUCT DESCRIPTION	BRAND	QTY	Unit
1	Z-Path-2019-nCoV-adv	genesig Advance Real-time PCR detection kit for 2019-nCoV	Genesig	1	Kit
2	Z-genesigEASY-EK	genesig easy DNA/RNA extraction kit - 50 extractions	Genesig	3	Kit
3	Z-oasig-onestep-150	150 test oasig lyophilised OneStep RT-qPCR MasterMix	Genesig	1	Kit
4	3352	MyGo Pro/Mini - Single Tube - case (1 bags of 1000 tubes)	IT-IS	1	Bag



Certifiable Mobile Bio-Containment Labs



LABCUBE merupakan Laboratorium Biosafety Level 2 (BSL2) yang dapat ditempatkan dimana saja sebagai tempat melakukan pengetesan Covid-19 dan penelitian lain yang diperlukan.

Standard

Memenuhi standar BSL-2** atau BSL-3** sebagaimana disyaratkan dalam WHO Biosafety Manual Pretested sesuai standar sertifikasi.



Disinfection

Mudah dibersihkan. Mudah didekontaminasi baik dengan gas maupun liquid.

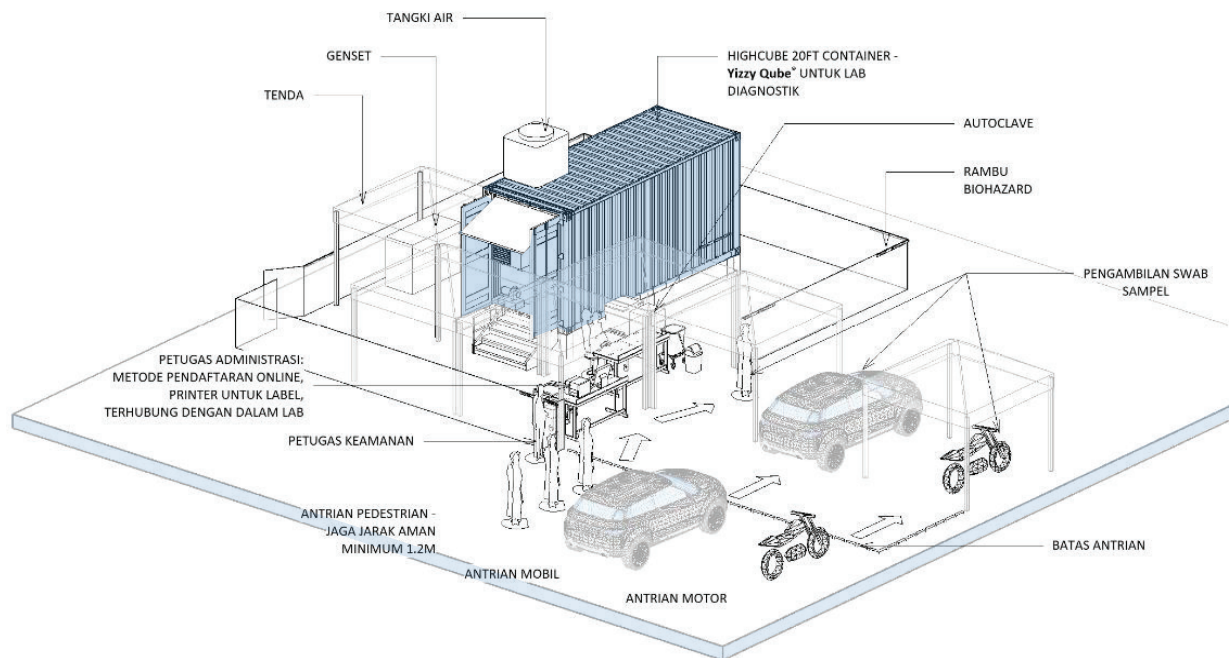
Certifiable

Dapat disertifikasi*
Konsultan Biosafety kami akan bekerjasama dengan Tim Pengguna untuk menyiapkan panduan SOP untuk Biosafety.



*) Opsional dengan tambahan biaya
**) Tergantung tingkat resiko yang ditangani

(Foto sebagai ilustrasi)



Spesifikasi:

Containment

- Laboratorium Biosafety Level-2
- 12.5 m2 area kerja yang terinsulasi dengan sandwich panel
- Permukaan anti bakteri dan mudah dibersihkan
- Bench top dengan phenolic resin dan polypropylene sink
- Kabinet besi dan lab furniture yang dapat didekontaminasi
- Lantai vinyl dengan hospital coving
- Awning dan tenda portable
- Furniture untuk petugas pengambilan sampel*
- Chassis dengan roda jika diperlukan*

Utility

- AC wallsplit di anteroom dan lab suite
- Exhaust fan dengan HEPA filter
- Decon port yang terintegrasi
- Lampu LED di dalam lab
- IP55 stop kontak
- Panel listrik, Genset* 15kVA
- Kabel feeder dan kabel extension di tenda
- Pompa air dan 700 Lt tangki penampungan

Equipment*

- Primary Containment
Validated Biosafety Cabinet Class-II A2, 4ft
- Penyimpanan
Undercounter -20 oC Freezer Undercounter 4 °C Refrigerator
- Diagnostik Molekuler
Real Time PCR set Mini Centrifuge Vortex Mixer Micropipette kit
- Sterilisasi
Top loading autoclave