











Advances in Global Healthcare, Anywhere in the World

Mass testing solution in community level One-day reporting to your society

- Sustainability
- Accuracy
- Mobility



MOBILE STATION for all molecular diagnostics

 Respiratory	 Gastro-intestinal	 Sexually Transmitted	 Human Papilloma Virus	 SARS-CoV-2
 Meningitis	 Vaginitis	 Tropical Fever	 Tuberculosis	 Drug Resistance



Testing Workflow in MOBILE STATION



HIGH VOLUME

2,000 Tests in 16h

Single container unit reaches maximum testing capacity of 2,000 tests in 16 hours*, 60,000 tests in a month

* Preparation time such as sample collection, lab cleaning etc is not included

Minimum Labor

4 Operators

Requires 4 operators minimum for complete testing workflow; 1 sample collector**, 2 technicians, and 1 medical doctor

** Minimum number for operating the lab. The number of sample collector who will collect 94 samples every 30 minutes can differ from the local conditions

FAST RESULT

3 h 30 min

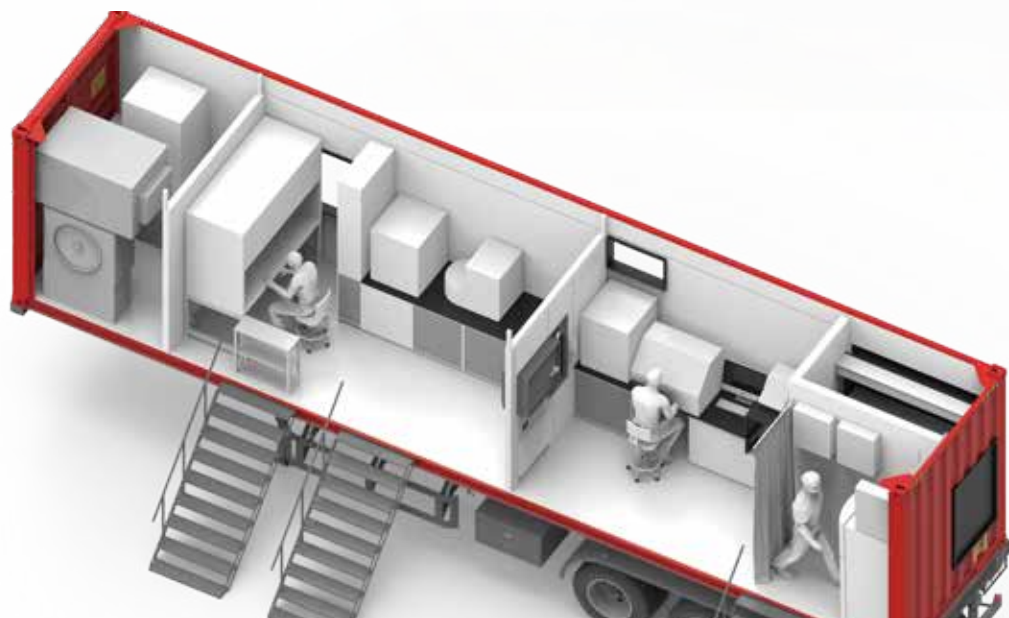
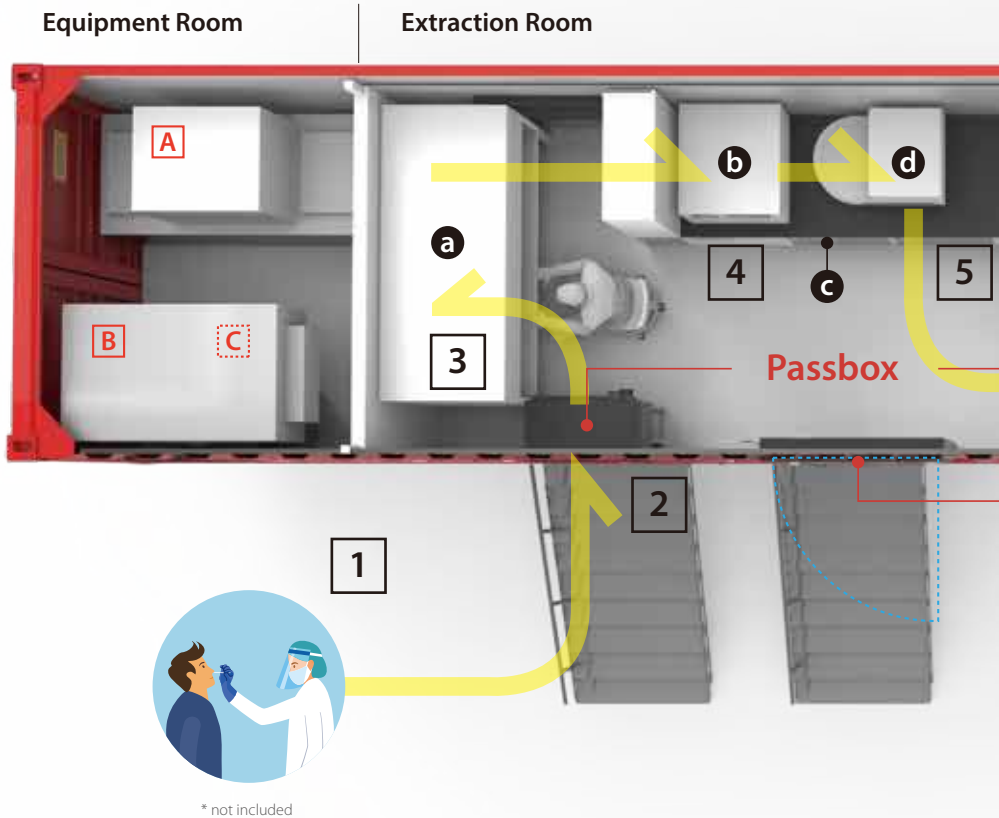
Delivers first result in 3 hours 30 minutes
94 results by 30 minutes afterwards***

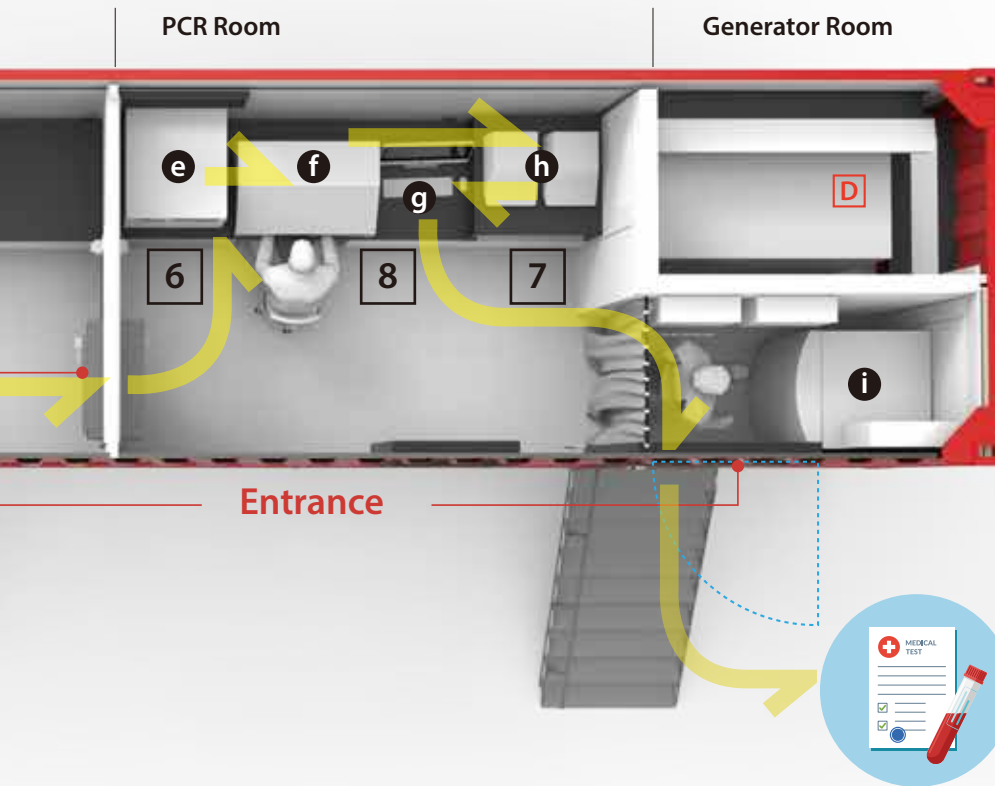
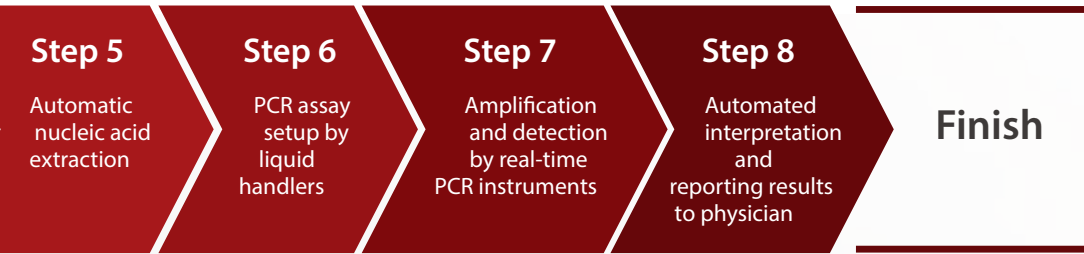
*** The number of results includes Positive control and Negative control

MOBILITY

Transportable by Ship and Trailer

Container facilitates easily with capability of mass testing and safely transportable by ship and trailer





- A** Thermostat
- B** Outdoor unit of an air-conditioner
- C** Negative pressure air supply system
- D** Generator (*Option)
- a** Bio Safety Cabinet
- b** Liquid Handler
- c** Blood medicine refrigerator
- d** Automatic nucleic acid extraction
- e** PCR Setup
- f** Seestation
- g** Interpretation (Laptop)
- h** Real-time PCR
- i** Low temperature freezing refrigerator

What We Provide



CONTAINER

Bio Safety Level-2 laboratory for extraction room



COLLECTION DEVICE

Stable supply and qualified device



INSTRUMENTS

Compatible with all Seegene assays



IT SOLUTION

Easy interpretation with Seegene Viewer



REAGENT & CONSUMABLES

Qualified RT-PCR assay and consumables



TECHNICAL SUPPORT

Technical support during the MDx lab operation



Sexually Transmitted

BACTERIA

Chlamydia Trachomatis, Neisseria Gonorrhoeae, Trichomonas Vaginalis, Mycoplasma Genitalium M. Homonis, U. Urealyticum, U. Pavum, H. ducreyi, LGV, T. Pallidum, Candidiasis, Bacterial Vaginosis

VIRUS

HSV1, HSV2, CMV, VZV



Respiratory

VIRUS

FluA, FluB, RSV, Adenovirus, Enterovirus, Parainfluenza, Metapneumo, Bocavirus, Coronavirus, SARS-CoV-2

BACTERIA

M. Pneumoniae, C. Pneumoniae, L. Pneumoniae, H. Pneumoniae, B. Pertussis, B. Parapertussis



Gastro-intestinal

VIRUS

Norovirus, Rotavirus, Adenovirus, Astrovirus, Sapovirus

BACTERIA

Campylobacter spp., Shigella spp./EIEC, Yersinia enterocolitica, Vibrio spp., Salmonella spp., Aeromonas spp., Clostridium difficile toxin B, E.coli O157, STEC, ETEC, EAEC, EPEC, C. Diff hypervirulent

PARASITE

Giardia lamblia, Entamoeba histolytica, Cryptosporidium spp., Blastocystis hominis, Dientamoeba fragilis, Cyclospora cayetanensis



Drug Resistance

STI : MG-AziR, MG-MoxiR
Entero : CPE, VRE, ESBLs



Tropical Fever

VIRUS

Dengue, Zika, Chikungunya, West Nile



Meningitis

Virus & Bacteria



Human Papilloma Virus

High Risk genotype :

16,18,26,31,33,35,39,45,51,52,53, 56,58,59,66,68,69,73,82

Low Risk genotype :

6,11,40,42,43,44,54,61,70



All-in-One Platform

Seegene's All-in-One Platform is a unique, streamlined automation solution that can report test results for 94 patient samples every two hours per system.



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