

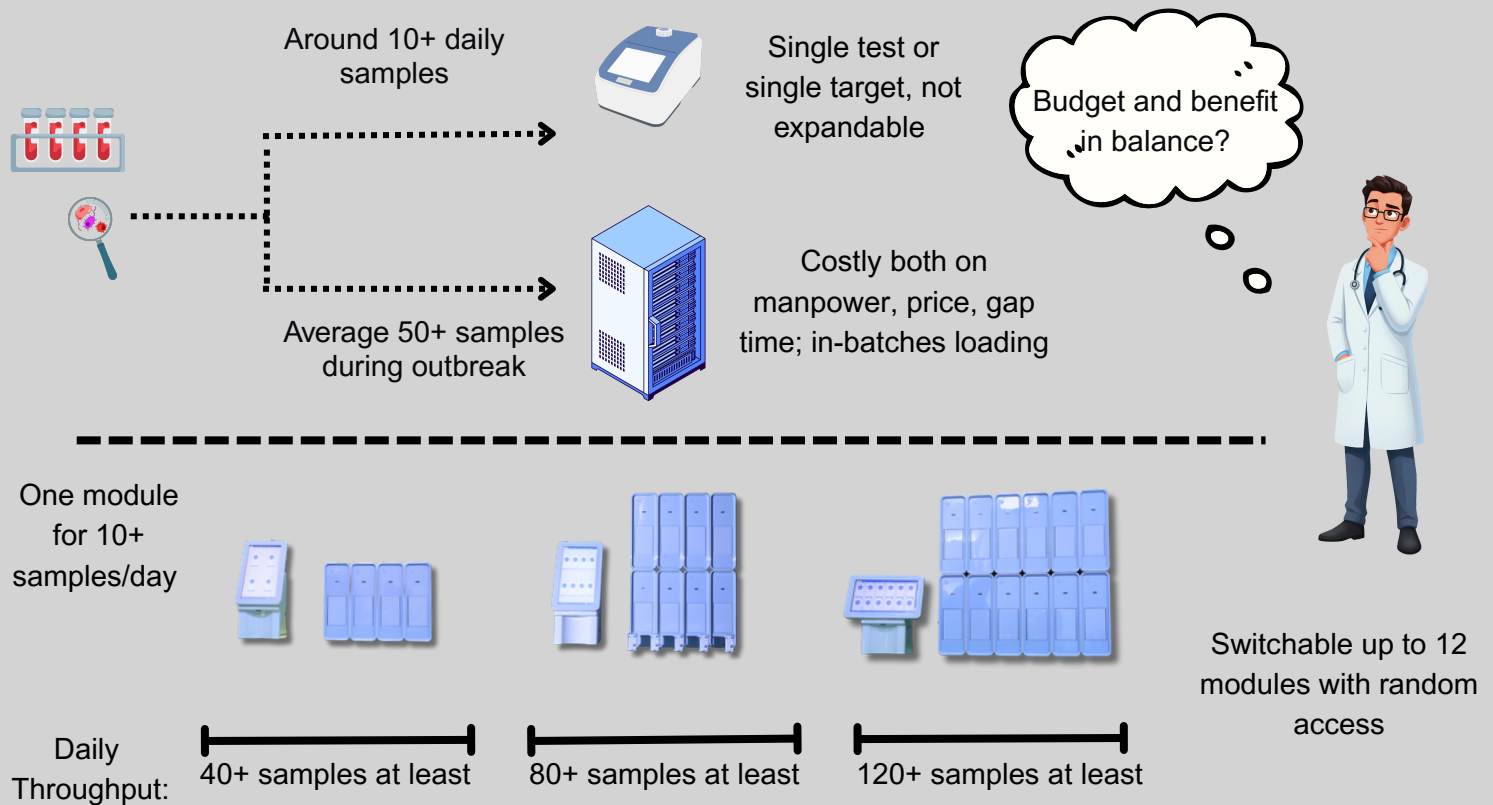
CREATING ENDLESS POSSIBILITY IN MOLECULAR POCT

mPOC **GenePod™**

Diagnostic System, Essential yet Optimal



Challenges to Health Care Units on Management



Balance Costs Based on Needs

Molecular POCT (mPOC) is now widely yet inadequately utilized. Through RT-PCR solution, GenePod™ system can provides economic and reliable guidance on **pathogen identification, quantification, genotyping, drug resistance, etc.** , to those urgent scenarios. By flexible combinations with GenePod™ 1-12 analyzing modules, and the developing compatible series testing kits, the system actualizes **resource-balanced application.**

Final solution against your problem, if:

1. Samples quantity vary a lot
2. Having shortage on man resource
3. No easily accessible yet multi-functional tools
4. TAT is obvious long in crushing system

Integrated PCR Testing

Fully-automated RT-PCR diagnostic system GenePod™, linked to 1 console pad, combines **targets purification, enriching, amplification, signal analysis, result interpreting** all together. The simplest operation, all-in-cartridge closed reaction and considerate UI design makes the laboratory work-flow safe, easy and efficient.

Status monitoring
Customized setting

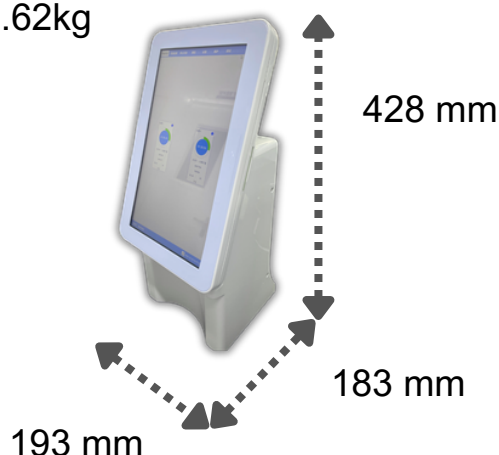


Real-time display

Module Design with Compact Size

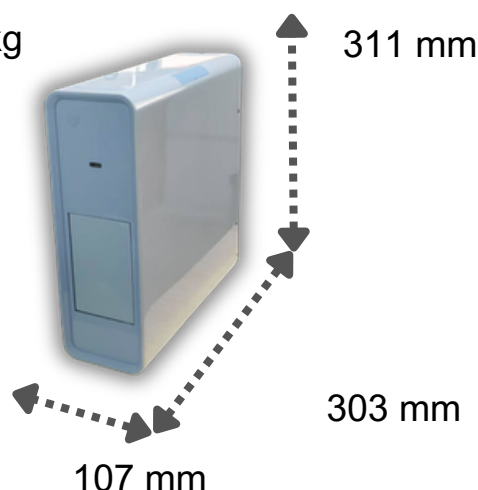
11.6-inch Screen Controller

2.62kg



Detector Module

3.12kg



Model	GenePod™ system
Time to Results	Fastest around 25 minutes (only 1 minute on hand)
Throughput	1-12 results at the same time, according to modules
Fluorescence channel	6 independent customized fluorescence channels
Operation system	One screen control 1-12 modules, independent running and analyzing
Data input	Built-in/Mannual edit
Display	7 or 11.6 inch touch screen on console pad
Operation Temp. and humidity	T: 10-35°C; H: 30-65%
Heating/Cooling ratio	Fastest heating with 16.2°C/S, fastest cooling with 8.8 °C/S
Temperature Control	Reaction in 40-99°C, accurate as ±0.2°C
Key performance	Precision: CV≤5%
Lis or POCT-A1 connectivity	Bi-directional LIS, HL7 protocol, POCT-A1*(planning), via serial port
Power supply	100-240 (+10%)V, AC, 50/60 Hz,1.5A, support multiple standard

Solid, Extensive Technical Expertise

In order to bring economic&safe solution while accelerating multiplex PCR testing, our system aims to erase the obstacles posed by the professional requirements of traditional PCR laboratories. Based on this, our innovative solution use specifically selected top-quality materials and considerate technical design both for devices and reagents.

 High-precision signal detectors ensure **accurate qualitative or quantitative result**

 **Single-use, prefilled cartridges** for convenience, less than 1 minute on hand

 **In-or-out contamination free**, fully-closed reaction during the whole process

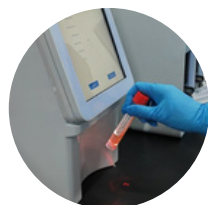
 **Highly efficient magnetic-bead-based extraction** purifying targeted gene

 **6 independent customized fluorescence channels**, expanded clinical applications

 **Stable lyophilized reagents, room-temperature** transportation and storage



Effortless Operation, Easy Training



 Scan sample



 Scan Cartridge



 Add sample into cartridge



 Put cartridge into reaction room, then click "Begin"



Decentralized, Entry-level, Final mPOC Solution

Multiplex PCR with less hands-on time and faster TAT

Whole testing process in one machine, sample in, result out

Random access, high flexibility with module design

High performance as classic zonal PCR, clinically validated

Small footprint enables multiple kinds of scenes

The ASSURED (**A**ffordable, **S**ensitive, **S**pecific, **U**ser-friendly, **R**apid and **r**obust, **E**quipment-free*, **D**eliverable) criteria were established by the World Health Organization (WHO) to guide the development of diagnostic tests, particularly in low-resource settings.

GenePod™ system is meeting maximum the ASSURED criteria proposed by WHO

*: Ideally, tests should not require complex equipment, making them suitable for use in remote or resource-limited settings. - refer to WHO



Suitable for Various First-aid or Special Use

Customs or borders

First shield between countries and regions

Areas of outbreak

Quickly plan a prevention&control response solution

Outpatient service

Fast differentiation for infection pathogenesis



Researching lab

New-trends study or treatment support of drug resistant

Isolation room

Patient monitoring without sample transmission

On-site testing

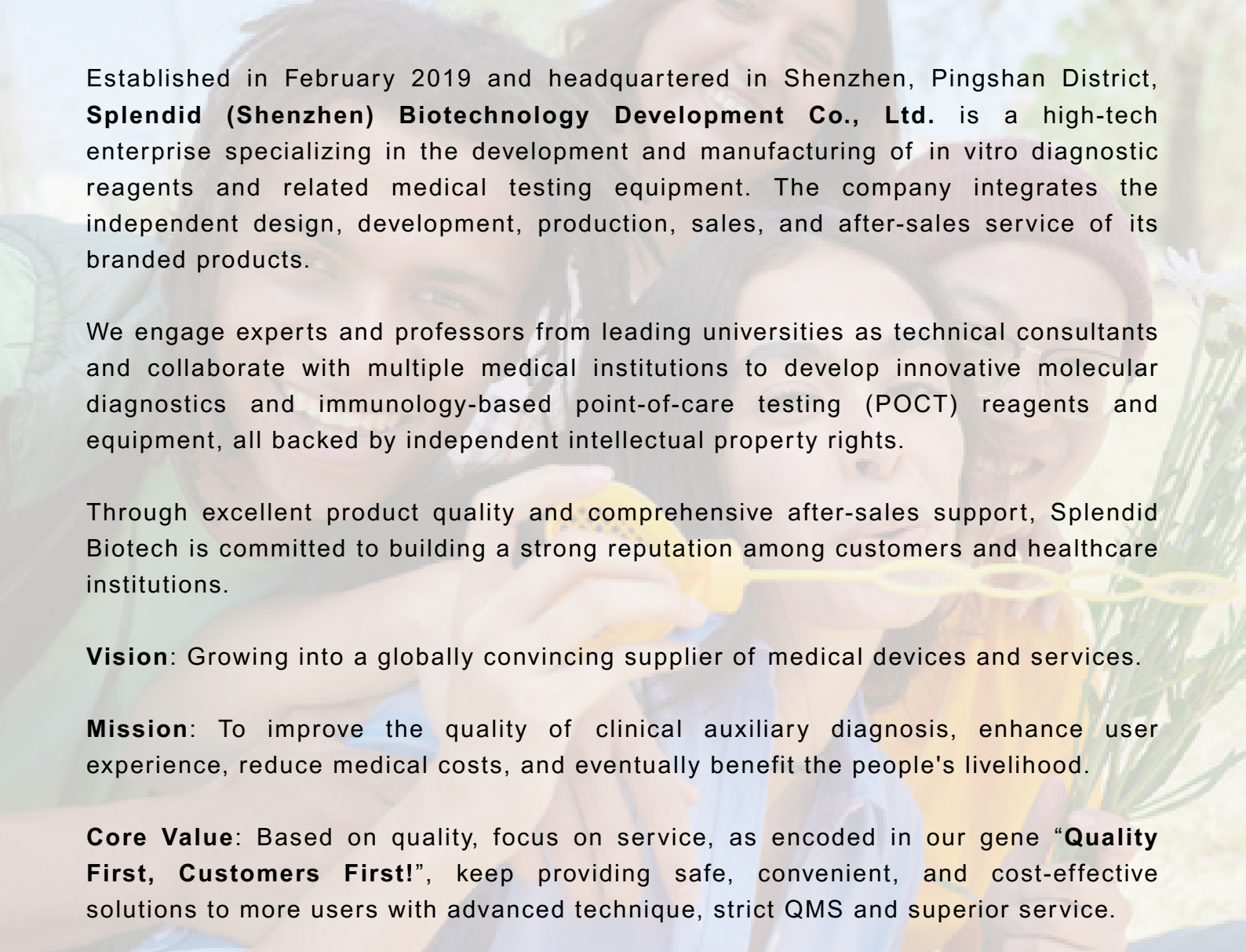
Rapid guidance for protections like home isolation

Product Menu

HOT DEAL	Model	Advantages	Cat.No
	GenePod™ Detection System (Detector)	Main module executes the fully automated whole PCR process, 1-12 units for combination	GPOD1925D0101
	GenePod™ Detection System (Screen Controller)	The console pad used for observing and real-time monitoring each modules working status and results, with 11.6 inch screen	GPOD1925SC101
	GenePod™ Detection System (Screen Controller)	The console pad used for observing and real-time monitoring each modules working status and results, with 7 inch screen	GPOD1925SC201

HOT DEAL	Categories	Assays (* developing)	Samples	Advantages	Cat.No
Quantitative testing		CMV assay*	Serum, Plasma	√ Accurate and rapid quantification of CMV using the internal standard method	GPOD1925Q0112, GPOD1925Q0124
		EBV assay*	Blood	√ Accurate and rapid quantification of EBV using the internal standard method	GPOD1925Q0212, GPOD1925Q0224
		HBV assay	Serum, Plasma	√ Accurate and rapid quantification of HBV using the internal standard method	GPOD1925Q0312, GPOD1925Q0324
		HCV assay		√ Accurate and rapid quantification of HCV using the internal standard method	GPOD1925Q0412, GPOD1925Q0424
		HIV assay		√ Accurate and rapid quantification of HIV using the internal standard method	GPOD1925Q0512, GPOD1925Q0524
Blood-borne severe infectious diseases		HBV/HCV/HIV assay	Serum, Plasma	√ Simultaneous detection of HBV,HCV and HIV.	GPOD1925B0112, GPOD1925B0124
TB related series		MTBC assay	Sputum	√ Detection of MTBC (<i>Mycobacterium tuberculosis</i> complex) by dual target	GPOD1925T0112, GPOD1925T0124
		TB RIF/INH-resistant assay		√ Simultaneous detection of TB RIF and INH resistance.	GPOD1925T0212, GPOD1925T0224
		TB FQs/EMB/SLIDs-resistant assay		√ Simultaneous detection of FQs, EMB and Second-line injectable drugs resistance	GPOD1925T0312, GPOD1925T0324
		NTB(<i>M.avium</i> / <i>M. abscessus</i> / <i>M.intracellulare</i> / <i>M. kansasii</i> /others) assay		√ Simultaneous detection of common NTB pathogens, including other general types	GPOD1925T0412, GPOD1925T0424
STIs (Sexually transmitted infections)		CT/NG/MG/TV assay	Urethral swab, Cervical swab, Vaginal swab, Urine	√ Simultaneous detection of main STIs pathogens	GPOD1925S0112, GPOD1925S0124
		MH/UU/UP assay		√ Simultaneous detection of three types of mycoplasmataceae and distinction between UU and UP	GPOD1925S0212, GPOD1925S0224
		MG MLs/FQs-resistant assay		√ Simultaneous detection of MG genes that resist macrolides (23SrRNA A2058, A2059) and fluoroquinolones (parC S83R, S83I)	GPOD1925S0312, GPOD1925S0324
		14 types of high-risk HPV DNA assay*	Cervical swab	√ Separate detection of HPV 4 high-risk types (HPV 16, HPV 18, 2 more) and general detection of 10 other high-risk types by DNA	GPOD1925S0412, GPOD1925S0424

STIs (Sexually transmitted infections)	14 types of high-risk HPV E6/E7 mRNA assay*	Cervical swab	√ Separate detection of HPV all high-risk types including HPV 16, HPV 18, and other high-risk types by E6/E7 mRNA	GPOD1925S0512, GPOD1925S0524
Women's health	GV/CA/TV assay	Vaginal swab	√ Simultaneous detection of three main pathogens of vaginitis or vaginosis	GPOD1925W0112, GPOD1925W0124
	GBS assay		√ Rapid detection of GBS	GPOD1925W0212, GPOD1925W0224
Vector-borne diseases	CHIKV/DENV/WNV/ZIKV/ YFV assay*	Serum, Plasma	√ Simultaneous detection of 5 main Vector-Borne Pathogens*	GPOD1925V0112, GPOD1925V0224
RIDs (Respiratory infectious diseases)	MP/ADV/MPV assay	Oropharyngeal swab	√ Simultaneous detection of <i>Mycoplasma pneumoniae</i> , Adenovirus and Metapneumovirus	GPOD1925R0112, GPOD1925R0124
	FluA/FluB/RSV/SARS-CoV-2 assay		√ Simultaneous detection of Influenza A, Influenza B, Respiratory Syncytial Virus and Severe acute respiratory syndrome coronavirus 2	GPOD1925R0212, GPOD1925R0224
	HRV/PIV/HBoV assay		√ Simultaneous detection of Human Rhinovirus, Parainfluenza virus and Bocavirus	GPOD1925R0312, GPOD1925R0324
	BP/BPP/Bbr assay		√ Simultaneous detection of <i>Bordetella pertussis</i> , <i>Bordetella parapertussis</i> and <i>Bordetella bronchiseptica</i>	GPOD1925R0412, GPOD1925R0424
	Spn/Hin/Mca/Kpn/PSA assay	Nasopharyngeal swab	√ Simultaneous detection of five main pathogens that cause lower respiratory tract infections	GPOD1925R0512, GPOD1925R0524
Gastro-intestinal infections	CA16/EV71/EV-U assay	Oropharyngeal swab	√ Simultaneous detection of the main pathogens that cause HFMD (hand-foot-mouth disease)	GPOD1925G0112, GPOD1925G0124
	VP/NTS/**/CJ/GL assay*	Stool	√ Simultaneous detection of four types of bacteria and one parasite that cause diarrhea*	GPOD1925G0212, GPOD1925G0224
	RVA/NV/Eadv/AstV/ SaV assay*		√ Simultaneous detection of five viruses that cause diarrhea*	GPOD1925G0312, GPOD1925G0324
	SA/SC assay		√ Simultaneous detection of <i>Salmonella bacillus</i> and <i>Shigella bacillus</i>	GPOD1925G0412, GPOD1925G0424
	DEC (EIEC/EPEC/STEC/ ETEC/EAEC) assay*		√ Detection of the main pathogens that belong to Diarrheagenic E. coli, DEC	GPOD1925G0512, GPOD1925G0524
	HP assay	Gastric biopsy/Stool	√ Rapid detection of <i>Helicobacter pylori</i>	GPOD1925G0612, GPOD1925G0624
	CD assay	Stool	√ Rapid detection of <i>Clostridioides difficile</i>	GPOD1925G0712, GPOD1925G0724



Established in February 2019 and headquartered in Shenzhen, Pingshan District, **Splendid (Shenzhen) Biotechnology Development Co., Ltd.** is a high-tech enterprise specializing in the development and manufacturing of in vitro diagnostic reagents and related medical testing equipment. The company integrates the independent design, development, production, sales, and after-sales service of its branded products.

We engage experts and professors from leading universities as technical consultants and collaborate with multiple medical institutions to develop innovative molecular diagnostics and immunology-based point-of-care testing (POCT) reagents and equipment, all backed by independent intellectual property rights.

Through excellent product quality and comprehensive after-sales support, Splendid Biotech is committed to building a strong reputation among customers and healthcare institutions.

Vision: Growing into a globally convincing supplier of medical devices and services.

Mission: To improve the quality of clinical auxiliary diagnosis, enhance user experience, reduce medical costs, and eventually benefit the people's livelihood.

Core Value: Based on quality, focus on service, as encoded in our gene “**Quality First, Customers First!**”, keep providing safe, convenient, and cost-effective solutions to more users with advanced technique, strict QMS and superior service.



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SPLENDID DIAGNOSTICS

Service

We deeply know the weight of trust and respect. For us, sincere service is never a slogan, but our noble mission and obligation

*"People's Health Is
Our Priority"*



CLINICAL EXPERT

If you have any question on the evaluation of whole PCR testing process or clinical guidance, our expert will support timely.



CUSTOMER LOCATION

Main representative hospitals, labs, health care centers and other clinics which belong to blank or potential market will be introduced internal through business map.



TECHNICAL SUPPORT

From training, installation, operation, to emergency fixing, whether on site or online, a specific solution aims to fastest way is always ready.



DIRECT CALL

Preparing new order, consulting before or after sale, and asking strategy on marketing opportunity and other help are available directly through first call.



JOINT RESEARCH

Joint research is encouraged when you have special subjects. A professional team is well-prepared to help material and information exchange.



PRODUCT MATERIAL

Freely find your info. via tools including marketing video, operation manual, package insert, MSDS, COA, Clinical Guidance, etc.

EMERGENCY CALL

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