



Sanity[®] Systems

Fully automated and integrated molecular diagnostic platform

Features →

Nucleic Acid
Extraction

Reaction Mix
Preparation

PCR Detection

Data Analysis

<5 min 
of hands-on time

Sanity 2.1

1-24 samples with
continuous sample
loading



Sanity 2.0s

1-4 samples



Sample in, result out



Maximizing Multiplexing Capacity

Empowered by patented MMCA®/MeltArray® technology, Sanity Systems are able to detect multiple targets in each fluorescent channel.



Consumables check

Automatic consumables presence check reduces failures and waste from operations.



Pre-loaded reagents for easy handling

The unique design of reagent cartridges is suitable for fast-paced clinical labs.



Flexible

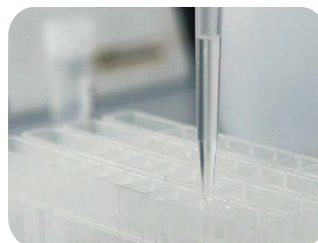
Flexible loading of up to 24 samples in one run.

Simple Workflow →

1 Scan reagent barcode



2 Load sample



3 Insert cartridges and start the run



Tuberculosis (TB)

Cat. No.	Product Name	Description	Size
608115 608815	MTB DNA Extraction Kit (Sanity 2.0)	DNA extraction from sputum, TB culture, bronchial washing fluid, bronchoalveolar lavage fluid (BALF), etc.	24 Tests/Kit
801176*	MTB Test Kit (Sanity 2.0)	Mycobacterium Tuberculosis Complex (MTBC)	24 Tests/Kit
801177*	MDR-TB Test Kit (Sanity 2.0)	Rifampicin and isoniazid resistance mutations	24 Tests/Kit
801181*	MTB/MDR Test Kit (Sanity 2.0)	· MTBC · Rifampicin-resistance mutations · Isoniazid-resistance mutations	24 Tests/Kit
801180**	Mycobacteria Identification Kit (Sanity 2.0)	19 clinically relevant mycobacteria, including MTBC and nontuberculous mycobacteria (NTM)	24 Tests/Kit

*Use with Cat.No.608115 for extraction.
**Use with Cat.No.608815 for extraction.

Respiratory Pathogen Panel (RPP)

Cat. No.	Product Name	Description	Size
608101 608501	Sanity-2.0-Pathogen Nucleic Acid Extraction Kit	Nucleic acid extraction from saliva, BALF, sputum, swabs, etc.	24 Tests/Kit
801406**	SARS-CoV-2 Test Kit (Sanity 2.0)	Detection of SARS-CoV-2	24 Tests/Kit
801112*	Sanity-2 Respiratory Pathogen Panel (RPP4)	· Influenza A virus · RSV · Influenza B virus · SARS-CoV-2	24 Tests/Kit
801949**	Sanity-2 Respiratory Pathogen Panel (RPP22)	Detection of 22 pathogens of respiratory tract: 18 viruses · Adenovirus · Enterovirus · Parainfluenza virus III · Bocavirus · Influenza A · Parainfluenza virus IV · Coronavirus 229E · Influenza B · Rhinovirus · Coronavirus OC43 · Metapneumovirus · RSV A · Coronavirus NL63 · Parainfluenza virus I · RSV B · Coronavirus HKU1 · Parainfluenza virus II · SARS-CoV-2 4 bacteria · <i>B. paraptussis</i> · <i>B. pertussis</i> · <i>C. pneumoniae</i> · <i>M. pneumoniae</i>	24 Tests/Kit
801918**	Sanity-2 Respiratory Pathogen Panel (RPP40)	Detection of 40 pathogens of respiratory tract: 20 viruses · Adenovirus B/E · Coronavirus HKU1 · Parainfluenza virus I · RSV B · Adenovirus C · Enterovirus · Parainfluenza virus II · SARS-CoV-2 · Bocavirus · Influenza A · Parainfluenza virus III · Coronavirus 229E · Influenza B · Parainfluenza virus IV · Coronavirus OC43 · MERS-CoV · Rhinovirus · Coronavirus NL63 · Metapneumovirus · RSV A 17 bacteria · <i>A. baumannii</i> · <i>E. coli</i> · <i>M. pneumoniae</i> · <i>S. pneumoniae</i> · <i>B. paraptussis</i> · <i>H. influenzae</i> · <i>P. aeruginosa</i> · <i>S. pyogenes</i> · <i>B. pertussis</i> · <i>K. pneumoniae</i> · <i>Rickettsia</i> · <i>C. pneumoniae</i> · <i>L. pneumophila</i> · <i>S. aureus</i> · <i>C. psittaci</i> · <i>M. catarrhalis</i> · <i>S. epidermidis</i> 3 fungi · <i>A. fumigatus</i> · <i>Cryptococcus</i> · <i>P. jirovecii</i>	24 Tests/Kit

*Use with Cat.No.608101 for extraction. Must process 4 samples in a batch.
**Use with Cat.No.608501 for extraction.

HPV & STI

Cat. No.	Product Name	Description	Size
608112	HPV DNA Extraction Kit (Sanity 2.0)	DNA extraction from cervical secretions	24 Tests/Kit
801946	MeltArray High Risk HPV Genotyping Assay (Sanity)	Identification of 14 high-risk HPV types with upgraded technology: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	24 Tests/Kit
801170	High Risk HPV Genotyping Kit (Sanity 2.0)	Identification of 14 high-risk HPV types: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	24 Tests/Kit
801916	Low Risk HPV Genotyping Kit (Sanity 2.0)	Identification of 14 low-risk HPV types: 6, 11, 26, 40, 42, 43, 44, 53, 54, 61, 69, 70, 72, 81	24 Tests/Kit
801910	STI-8 Detection Kit (Sanity 2.0) RUO	Identification of 8 STI pathogens: CT, NG, TP, TV, UU, HD, HSV-1, HSV-2	24 Tests/Kit
801957	STI-15 Detection Kit (Sanity) RUO	Identification of 15 STI pathogens: CT, NG, TP, TV, UU, HD, HSV-1, HSV-2, MG, UP, KG, VZV, HCMV, MH and HHV-8	24 Tests/Kit

Scenes



Technical Specifications

Model	Sanity 2.0s	Sanity 2.1
Technology	MMCA®/MeltArray® based real-time PCR	
Dimension	260mm (L) x 540mm (W) x 570mm (H)	765mm (L) x 550mm (W) x 615mm (H)
Weight	32kg	80kg
Sample Throughput	1-4 samples	1-24 samples
Sample Volume	1 µL~2000 µL	1 µL~2000 µL
Nucleic Acid Extraction Method	Magnetic bead-based	Magnetic bead-based
Heating Rate	≥5.0°C/s	≥9.00°C/s
Cooling Rate	≥3.5°C/s	≥7.00°C/s
Temperature Accuracy	≤0.1°C	≤0.1°C
Detection Channels	4 channels	4,6 or 8 channels
Decontamination	UV light lamp	UV light lamp
Printing function	Built-in printer	Not available
Control Panel	Touchscreen	Touchscreen

Order Information

Cat. No.	Product Name	Size
505102	Sanity 2.0s System	1 set
505103	Sanity 2.1 System	1 set

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