

ACCURATE AFFORDABLE ACCESS

Bring Lab Test Performance to Near Patient Care Testing

Powered by the proprietary SPRT™ (semi-Solid Phase Real-Time PCR) technologies, FlashDx® provides customers highly multiplexed, true sample-to-answer solution with simplest workflow. With its expandable multi-slot new instruments, customers will have full random access to test various diseases and sample types at any time, anywhere.





Multiplexed Molecular Tests to Anyone Anywhere

Accurate One test on a single sample provides answers against multiple targets.

Affordable The elegant microfluidics design enables robust manufacturing of the test cartridges, and provides users with an affordable and true sample-to-answer workflow.

Accessible Reagents-preloaded cartridges allow any inexperienced user to complete multiplexed molecular tests with only ~1 minute hands-on time at any place.



Simple

~ 1min hands-on time (sample loading)
Streamlined lab workflow via HL7 connectivity



Syndromic multiplex

As many as 50 targets in one test*



Safe

Contamination risks eliminated with fully enclosed cartridges



Scalable & Random Access **

1 - 12 tests at a time whenever samples arrive

* Custom panels only

** Available in FlashDx-1000-E stacked configuration and SPRT™ 4T/8T/12T systems

1-2-3 workflow (~1 min hands-on time)

- Intuitive touchscreen user interface
- Step-by-step guided instructions

- No operator intervention or interpretation
- No laptop or additional equipment required



Step 1 •
30 sec
Load Sample



Step 2 •
30 sec
Load Cartridge



Step 3 •
30 sec
Start Auto Processing

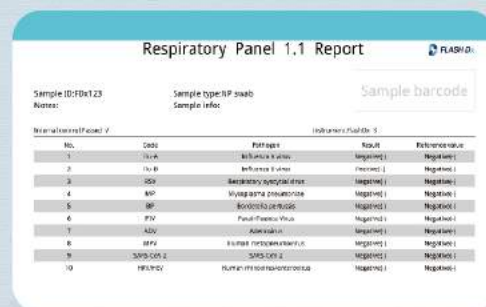


Step 4 •
Report Within 1h
Auto Report

Simple steps to review results and print report

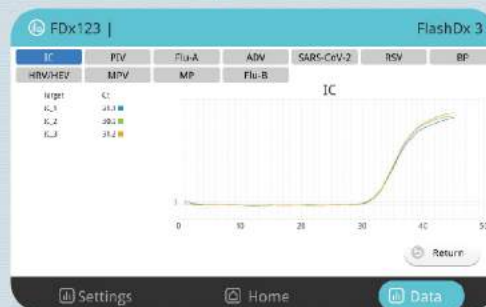
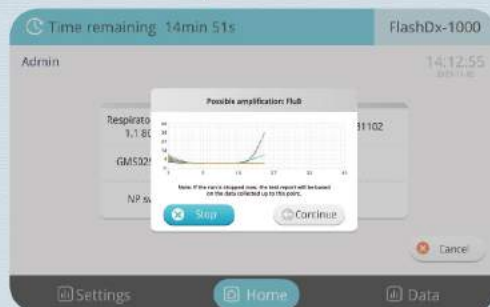
Result

Click  to print report



"Early Positive Call" to notify amplifications as early as ~40 minutes

Click any target or **IC** (internal control) to review amplification curves



Syndromic Testing: Greater Certainty, Less Guesswork

Affordable sample-to-answer infectious disease testing cartridges



Respiratory Panel 1.1

Sample Types

Specimen: Nasopharyngeal, nasal or throat swabs

Transport Media: UTM/VTM* or saline (0.9%)

Targets

SARS-CoV-2

N, E, and ORF1ab genes

Influenza A

Matrix gene

Influenza B

NEP/NS2 gene

Adenovirus

E3 gene

Respiratory Syncytial Virus

L gene

Human Rhinovirus/Enterovirus

Polyprotein gene

Bordetella pertussis

IS481 gene

Human Metapneumovirus

N (nucleoprotein) gene

Parainfluenza virus 1/2/3

HN/L/HN genes

Mycoplasma pneumoniae

Toxin gene



CE IVD



SARS-CoV-2/Flu A/Flu B/RSV Test

Sample Types

Specimen: Nasopharyngeal, nasal or throat swabs

Transport Media: UTM/VTM* or saline (0.9%)

Targets

SARS-CoV-2

N, E, and ORF1ab genes

Influenza A

Matrix gene

Influenza B

NEP/NS2 gene

RSV

L gene



CE IVD



SPRT™ STI CT/NG/UU/TV/MG/MH Test 1.0

Sample Types

Specimen: Vaginal or urethral swabs

Transport Media: UTM* or saline (0.9%)

Targets

Chlamydia trachomatis

Cryptic plasmid

Ureaplasma spp.

ureC gene

Mycoplasma hominis

16S rRNA

Neisseria gonorrhoeae

Genomic target

Mycoplasma genitalium

mgpB gene

Trichomonas vaginalis

18S rRNA



RUO

Special cartridges using extracted nucleic acid as sample input are also available.

*Sample transport media with guanidine buffer is not compatible.

Product List

FlashDx® Instrument

Product name	Cat No./REF	Technology	Model	Certificate
Automated Nucleic Acid Detection System	201601	SPRT™ technologies	FlashDx-1000-E	CE-IVD
Automated Nucleic Acid Detection System	301801	SPRT™ technologies	FDx-1000	NMPA
SPRT™ 4T/8T/12T Sample to Answer Molecular Test Systems	TBD	SPRT™ technologies	SPRT™ 4T/8T/12T	RUO expected in 2023
SPRT™ Dx 4T/8T/12T Sample to Answer Molecular Test Systems	TBD	SPRT™ technologies	SPRT™ Dx 4T/8T/12T	CE-IVD / NMPA expected in 2024

FlashDx® Human Health Kit more tests are coming

Product name	Cat.No./REF	Description	Package	Certificate
Respiratory Panel 1.1	RP-P10-10	10 Pathogens: FluA, FluB, RSVA/B, hMPV, CoV-2, HRV/HEV, PIV1/2/3, AdV, MP, BP	10T/Kit	CE-IVD
Respiratory Panel 1.0	CoV2P8-10	8 Pathogens: FluA, FluB, RSVA/B, CoV-2, HRV/HEV, PIV1/2/3, AdV, MP	10T/Kit	CE-IVD
SARS-CoV-2/FluA/FluB/RSV Test	CoV2P4-10	4 Pathogens: SARS-CoV-2, FluA, FluB, RSVA/B	10T/Kit	CE-IVD
SARS-CoV-2 Test	CoV2-10	N, E, and ORF1ab genes	10T/Kit	CE-IVD
STI CT/NG/UU/TV/MG/MH Test 1.0	STI-P6-10.r	6 Pathogens: CT, NG, UU/UP, TV, MG, MH	10T/Kit	RUO
GBS Test	GBS-P1-10	<i>cfb/sip gene</i>	10T/Kit	CE-IVD

FlashDx® Animal Health Kit

Product name	Cat.No./REF	Description	Package	Certificate
Feline Respiratory Panel 1.0	FEL-P6-10	6 Pathogens: FHV-1, FCV, CF, MF, Bb, Flu-A	10T/Kit	RUO
Canine Respiratory Panel 1.0	CAN-P5-10	5 Pathogens: CDV, CPiV, CAV-2, Bb, MC	10T/Kit	RUO
Feline GI Panel 1.0	FEL-P2-10	2 Pathogens: FPV, FCoV	10T/Kit	RUO

Custom Panels

Open to co-develop custom contents on FlashDx cartridges.



About FlashDx

FlashDx is a fast-paced technology company offering turn-key point-of-care and laboratory molecular test solutions with a growing test menu. Our initial focus is on syndromic testing of infectious diseases. The product portfolio is expanding to also serve customers in the area of oncology and proteomics research. We are partnering with KOLs from top tier hospitals world-wide and open to more collaborators including distributors, test labs, and kit developers.



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Version A.0.2, Nov 2023

