FLASH Dx

Bring Lab Test Performance to Your Near Patient Care Testing



VOLTA
DIAGNOSTICS FOR FUTURE

FlashDx

Powered by proprietary Real-time PCR on Surface Detection Technologies, FlashDx provides the lab standard quality data for your molecular testing in a near patient care setting.

Multiplexed Molecular Tests to Anyone, Anywhere

Benefit from its highly multiplexed Taqman probe design with all reagents preloaded to a cartridge, the fast detection of various bio-markers in a single run meets all your needs of accuracy and affordability.

With <1 minute hands-on time and no need for sample preparation, FlashDx offers users the simplest workflow with a true sample-to-answer solution.



Easy to use
1 minute to load the sample and the cartridge

Multiplexed
1 test, up to 15 targets tested

Safe
Fully enclosed cartridge minimizes contamination risks

Fast
Sample to Answer report as fast as 30 min for positive calls

Flexible
Flexible multi-system configuration satisfies different sample throughput needs





Syndromic testing, better answers more quickly

Affordable Sample-to-answer infectious disease testing cartridge.



Respiratory Panel 1.0

CE-IVD

Sample Type

Nasopharyngeal Swab
Nasal Swab
Throat Swab

8 pathogens commonly seen in respiratory tract infection in one test.

Possible Reported Result

Positive/Negative/Undetermined/Invalid

Targets

FluA	*M. pneumoniae*
FluB	*Adenovirus*
RSV	*PIV1/2/3*
HRV/HEV	*SARS-CoV-2*



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

CE-IVD

Sample Type

Nasopharyngeal Swab
Nasal Swab
Throat Swab

Accurately differentiating all 4 viruses in one test helps everyone to get through the flu season more easily.

Possible Reported Result

Positive/Negative/Undetermined/Invalid

Targets

SARS-CoV-2	*N, E and ORF1ab genes*
FluA	*matrix gene*
FluB	*NEP/NS1 gene*
RSV	*L gene*

More cartridges

SARS-CoV-2 test (CE-IVD) *Simultaneously test against N, E and ORF-1ab genes for reliable results*
STI panel in development
Animal health and Vet diagnostics *Feline RP1.0 (respiratory panel); In development: Canine infectious tests*

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Tel. +39 329 7409484
Email info@voltadiagnostics.com
Web www.voltadiagnostics.com

Accurate Solution, more Accessible

The elegant microfluidics design enables robust manufacturing of the test cartridges, and provides users with an affordable and true sample-to-answer workflow. With all reagents preloaded in cartridges, users only need to add the samples.

Cartridges are shipped at room temperature and stored at 2~8 °C.

The Plug N Play instrument comes with an intuitive touchscreen, self-calibration, LIS-ready connection and etc. Complete a multi-target molecular test in a breeze. Flexible in single-slot or with expandable multi-bay configurations, FlashDx instrument maximizes the random access of various diseases and sample types at any time, anywhere.