



Molecular Diagnostics

Accelerate your throughput with NeuMoDx

Ultra-fast PCR powerhouse with true random access and ease of use

Is your lab ready to meet high testing demands?

The COVID-19 pandemic underscores the need for high-throughput, rapid and accurate testing. Having results you can trust impacts lives beyond your patients and has widespread effects on families, communities and governments.

We understand that in times of high demand, labs are facing increasing pressures to turn around results.

NeuMoDx can help ease the pressure for labs as a fully automated powerhouse with a swift and simple 3-step workflow. True random access and unitized reagents allow you to use only what you need – when you need it – during critical times. Our growing menu includes SARS-CoV-2 as well as routine testing.

With rapid results and an easy to use instrument, your lab will be ready to meet the high demands of pandemic and routine testing as well as provide peace of mind to patients.



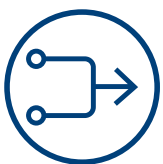
Intuitive 3-step workflow

Streamlined workflows give unprecedented ease of use, reduced hands-on time and minimized training burden



True random access

Continuous loading of samples and reagents - no need to batch



IVD & LDT in parallel

Seamless integration of IVD and LDT* tests in the same workflow



No reagent reconstitution

Proprietary NeuDry test strip, reagents and consumables are ready to use, room temperature stable and stored on board



High throughput

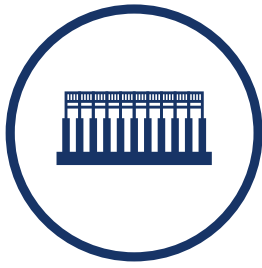
The NeuMoDx systems have the ability to handle medium, high and ultra-high testing needs



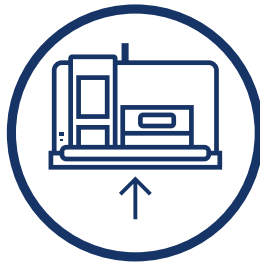
Ultra-fast insights

Results available in about an hour for most tests with STAT[†] functionality

Streamline your workflow to three steps



Add universal reagents,
consumables & buffers



Add patient samples in
any order for any test
loaded



Press Load

PCR and extraction in one place



Combine extraction and PCR into one integrated workflow
Save time and resources with a streamlined workflow
Minimize contamination risks with a closed system

Unmatched throughput to footprint ratio

Get the most out of your instrument

Depending on the assay (eg DNA-based), the NeuMoDx 288 can process up to 288 specimens in an 8-hour shift and the NeuMoDx 96 can process up to 144 specimens.†

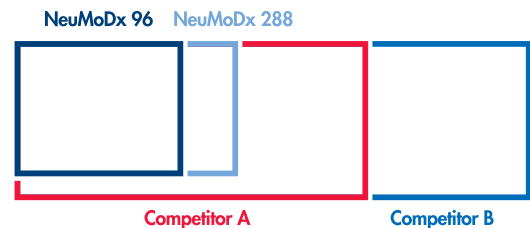


Figure 1: Drawing to scale to show the footprint of the NeuMoDx systems versus other instruments

Less solid and liquid waste



Reduce impact on the environment while making clean up safer and easier for your lab

Efficiently use consumables without excessive plasticware or liquids compared to conventional methods

For 12 samples, all waste from extraction is contained in the microfluidic cartridge, and only 36 tips are used

Ordering Information - Instrument

Product	Contents	Cat No.
NeuMoDx 96 Molecular System Solution	Include the instrument, installation, training and three year premium service agreement	9002850
NeuMoDx 288 Molecular System Solution	Include the instrument, installation, training and three year premium service agreement	9002851

US Assay Menu[§]

Product	Contents	Cat No.
NeuMoDx LDT Probe/Primer Strip	Empty strip utilized for laboratory developed tests. Contains 16 tests per strip – 6 strips per carton	100400
NeuMoDx LDT Master Mix, DNA	Strip containing room temperature stable, real-time PCR master mix reagent for DNA specimens. Contains 16 tests per strip – 6 strips per carton.	210100
NeuMoDx LDT Master Mix, RNA	Strip containing room temperature stable, real-time PCR master mix reagent for RNA specimens. Contains 16 tests per strip – 6 strips per carton.	310100
NeuMoDx SARS CoV-2 Test Strip	Strip containing RT-PCR reagents containing SARS-CoV-2 and SPC2 specific probes and primers. Contains 16 tests per strip – 6 strips per carton.	300800
NeuMoDx Flu A-B/RSV/SARS-CoV-2 Vantage Test	Strip containing RT-PCR reagents containing Flu A-B/RSV/SARS-CoV-2 specific probes and primers, and SPC2 specific probe and primers. Contains 16 tests per strip – 6 strips per carton.	300900
NeuMoDx GBS Test Strip	Strip containing dried PCR reagents containing GBS-specific probe and primers along with Sample Process Control-specific probe and primers. Contains 16 tests per strip – 6 strips per carton	200400

For up-to-date licensing information and product-specific disclaimers, see the respective product instructions for use and operator manuals. Product instructions for use and operator manuals are available at <http://www.neumodx.com/client-resources> or can be requested from QIAGEN Technical Services (or your local distributor) or NeuMoDx Technical Support Team.



Visit qiagen.com/NeuMoDx for more information

* LDT: laboratory developed test

† STAT: short turnaround time

‡ The number of specimens processed varies by assay. These throughput specifications are based on theoretical calculations using engineering specifications for DNA assays. For RNA assays, the NeuMoDx 288 can process up to 220 specimens in 8hr shift while the NeuMoDx 96 can process 72 specimens

§ To be used in conjunction with additional NeuMoDx consumables and reagents.

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