



Molecular Diagnostics

ELITE BeGenius®

The flexible solution to manage complex MDx testing needs

Complete automation for every workflow

Simplify complex workflows with **full sample-to-result automation**. The **ELITE BeGenius®** delivers a **true walk-away** experience, offering the flexibility to run extraction only, PCR only, or the combined processes within the same analytical session for maximum efficiency and control.

Unmatched flexibility for diagnostic needs

Process **more than 20 validated matrices** with a single universal extraction method and maximize sample use by storing eluates for future testing. Perform **up to four PCR assays from the same extract**, ensuring flexibility and efficiency for a wide range of diagnostic applications without compromising accuracy.

Mix and match for unlimited testing options

Thanks to **24 independent thermal cyclers** and the **open capability**, you can customize your testing menu by combining **CE-IVD** validated assays with laboratory-developed tests (**LDTs**) and qualified **third-party assays** in a single run. This flexibility boosts efficiency, saves resources, and supports a wide range of diagnostic applications.

Elevate your molecular workflow

ELiTe BeGenius® simplifies molecular diagnostics by integrating every key process into one **fully automated solution**. It performs nucleic acid extraction and purification, amplification, real-time PCR detection, melting curve analysis, and result interpretation with precision and reliability. Designed to maximize productivity, the system delivers **up to 72 results in an 8-hour shift**, reaching approximately 18,000 results per year. With a turnaround time of about 3 hours, it accelerates workflows and supports faster clinical decisions.



Mix and Match
different assays on the same run: more than 20 validated biological matrices



Cooling unit
for samples, eluates, and reagents to improve on-board stability and reagents



Full Traceability
thanks to integrated barcode scanner for sample, eluates, and reagents



Bi-directional LIS
facilitates patient management and improves workflow efficiency



Qualitative & Quantitative
nucleic acid amplification and melting curve analysis



EVD_ELiTe BeGenius-490-17 JUL 23/02EN

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