



MYBox⁺

Dry Luminescence Assay Analyser

Bringing
diagnostics to
the last point
of care



Find more information at www.mylabglobal.com





Designed with Enhanced and Superior Technology

Mybox+ achieves rapid qualitative as well as quantitative detection of analyte in clinical samples

- High detection accuracy
- Strong stability
- Fast detection

Widely used in many fields such as

- Disease detection
- Medical care
- Epidemic surveillance
- Food inspection and quarantine

Rapid

Instant results in less than a minute, time resolved luminescence immunoassay

Reliable

Reproducible test results, Comparable results with other standard methods

Convenient

Hand-held size design, easy to carry, Low cost of disposable consumables and testing

Accurate

AI-based reader with prediction system for eliminating subjective interpretation CLIA equivalent data

Dry Luminescence Technology

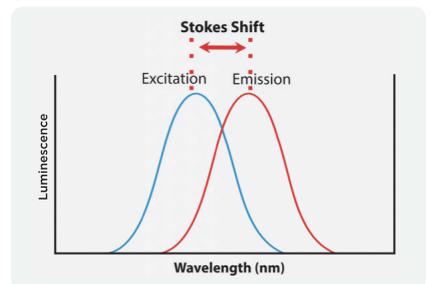
Non-overlapping excitation & emission spectra prevents interference of non-specific luminescence particles enabling higher sensitivity & accuracy with good correlation to CLIA/e-CLIA.

Problem with conventional Luminophores

Scattering of the excitation light by the instrument optics, sample vessel, and matrix is a problem with conventional luminophores, because of their generally small Stokes shifts.

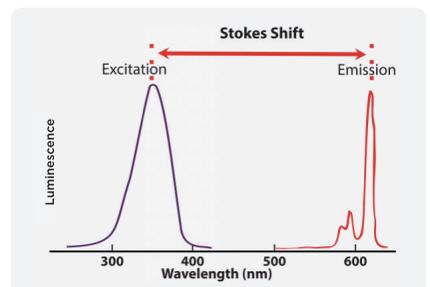
Also, the luminophores having small Stokes shift can reabsorb emitted photons leading to undesired back-ground interferences.

Another problem with conventional luminophores is self-quenching because of substantial overlap between their excitation and emission spectra.



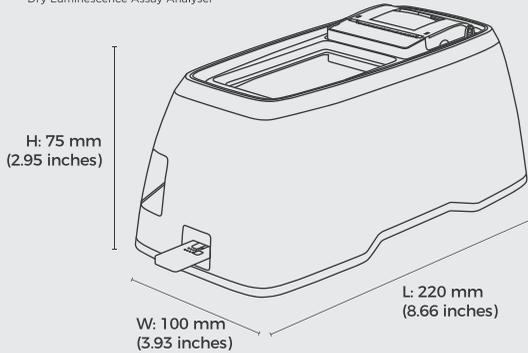
How Mylab nanoparticle / Chemistry is superior

Mylab's proprietary nanoparticles have large Stokes shift, narrow emission bands, and no overlap between excitation and emission spectra which prevents nonspecific luminescence interference and provides higher accuracy and sensitivity.



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Cassette Features

Proven lateral flow design enhanced with luminescence Mylab's Proprietary immunoassay technology

Great reference value for medical decision-making, and rapid test results

Best Clone Selection to optimize performance in concert with luminescence nanoparticle objective test results

Eliminate ambiguous test results as the analyzer AI interprets & determines the results

Auto coding procedure by recognizing QR code & expandable parameters

Reduce time and errors associated with manually recording Batch specific information

Connectivity



Personal Computer

Connect with all devices MyBox⁺ Analyzer can connect with Mobile and Computer Devices



Cloud Server

Data share Via the cloud server



LIS/HIS-LIS/HIS Connectivity

Connect to the majority of existing information system

Device Features

Excellent Sensitivity and Specificity with Dry Immunoassay Analyzer



High quality image for accurate results



3rd Generation luminescence nanoparticles capture technology



Unmatched and Enhanced sensitivity for Qualitative & Quantitative analysis



Minimal to no training required



Auto calibration



Parallel testing



Portable, Durable, Easy to setup, Convenient & Fast reporting



Powered by AI algorithm for accurate and quick reporting



Cloud connectivity



One device multiple tests



Disposable cartridges



Easy data sharing and management



Built in printer



Built in battery: 12V, 10000mAh

