

MIKROGEN KLEEYA® – BUILD AROUND YOU

Your next generation of fully
automated random access CLIA
immunoanalyzers



- More Potential
- More Flexibility
- More Functionality

KLEEYA® - ANALYZER

HIGHLY COORDINATED DETAILS IN PERFECT HARMONY



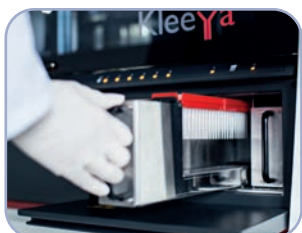
Easy handling of reaction cuvettes

The well thought-out design of the stackable, square cuvettes and a corresponding loading device ensure effortless and error-free handling.



Intuitive assay control

The integrated PC and LCD touchscreen enable simple control with user-friendly software and LIS connection.



Modern sample and reagent management

A camera-based barcode reader and two RFID tag readers enable simple and reliable management of samples, reagents and consumables.



Optimized test cartridge system

Special Dynamic Sealing Caps prevent contamination, ensure optimum stability and minimize the required reagent volume and pipetting time.



Advanced reagent solutions

The design of the Tigger cartridges with rigid outer and flexible inner lining prevents evaporation of the trigger solutions and possible contamination.

PARALLEL PROCESSING

72

Samples

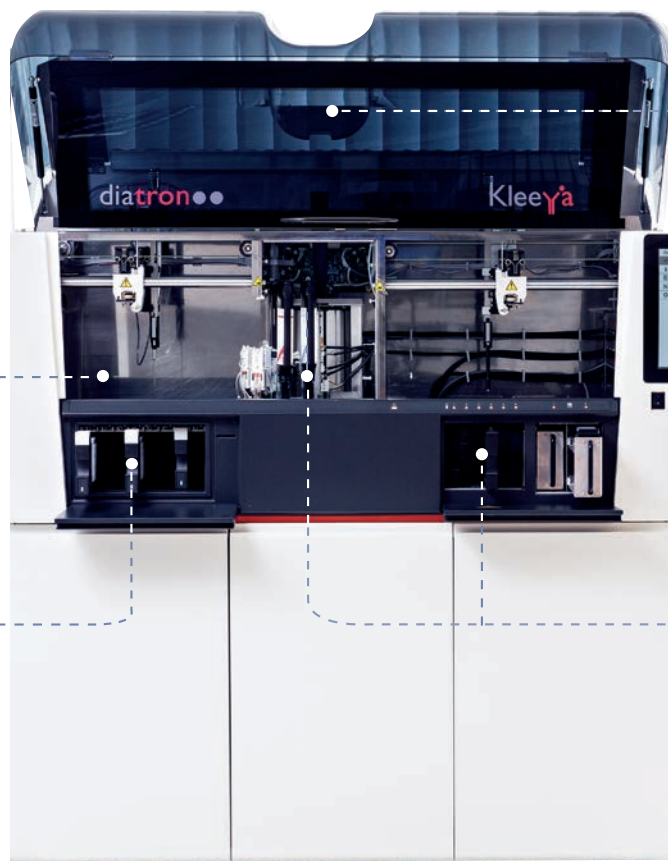
120

Reactions / hour

16

Various assays

LATEST GENERATION OF FULLY AUTOMATED RANDOM ACCESS IMMUNOANALYZERS



Advanced reagent solutions

Easy handling of the reaction cuvettes

Intuitive assay control

Optimized test cartridge system

Modern sample and reagent management

More Potential

- **All-purpose**
Standard & unique parameters, best-in-class test portfolio with up to 170 parameters including MxA, Alzheimer's & Hantavirus tests
- **Powerful**
Best performance in sensitivity & specificity
- **Efficient**
Fully automatic machine with minimal hands-on time & training

More Flexibility

- **Open to innovation**
Suitable for variable test systems
- **Adaptable**
Sample and reagent management for any individual workflow
- **Simple time management**
Maximum in-use stability of kits

More Functionality

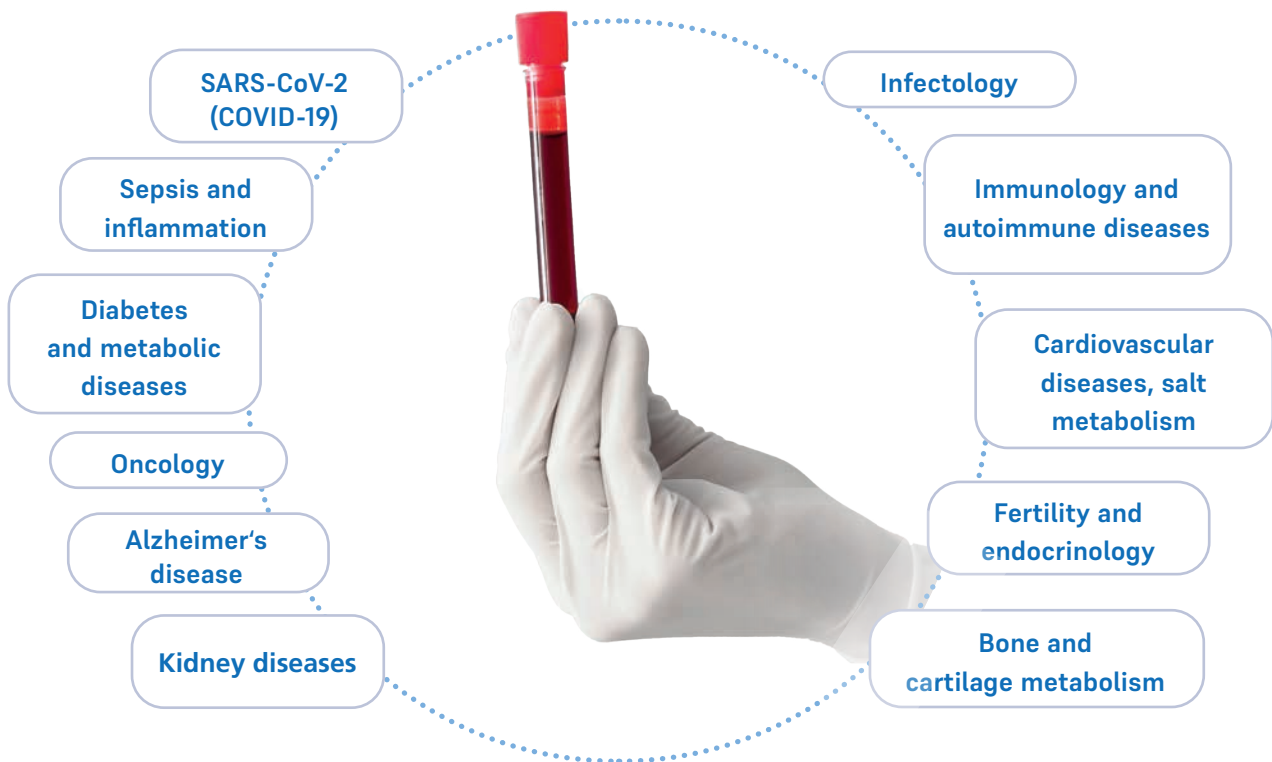
- **Easy to do**
Easy loading of the device with samples and reagents
- **Smart**
Automatic detection of test cartridges, waste, wash & system solutions
- **Intelligent**
Simple control of the assays via intelligent software and easy-to-understand user interface

CLIA TEST KITS

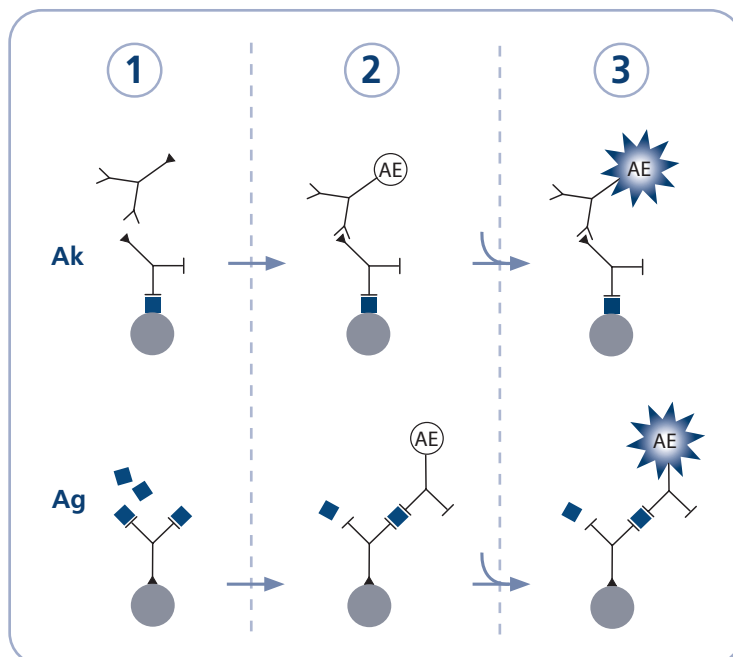
INNOVATIVE AND GROWING PORTFOLIO FOR MAXIMUM CLINICAL BENEFIT

The CLIA portfolio

Mikrogen and Biovendor Group's joint Clip portfolio is continuously growing, using both established and unique parameters and covers the most important areas of clinical diagnostics.



CLIA test principle



1) Magnetic beads coated with antigens or antibodies bind specific antibodies (Ak) or antigens (Ag) from the patient sample.

2) Secondary antibodies coupled with an acridinium ester (AE) bind to these immune complexes.

3) In a changed chemical environment, the acridinium ester oxidizes and emits light (chemiluminescence). The intensity is directly proportional to the concentration of the analyte and is detected and evaluated by the device.