

Agappe Diagnostics and Fujirebio- Japan: Advancing CLEIA-based Immunoassay Testing

KOCHI, KERALA, INDIA, May 12, 2025 /EINPresswire.com/ -- In a groundbreaking collaboration, Agappe Diagnostics Ltd and Fujirebio Inc., Japan are reshaping the future of laboratory diagnostics. By combining global expertise with local innovation, the partnership aims to deliver world-class CLEIA-based immunoassay analyzer systems. This synergy empowers laboratories worldwide with advanced, affordable Mispa i60 & Mispa i121, and highly sensitive diagnostic solutions designed to elevate healthcare standards globally.

Exploring CLEIA Technology: What It Is and Why It Matters in Modern Laboratories

Chemiluminescent Enzyme Immunoassay (CLEIA) represents a breakthrough in diagnostics, combining the unparalleled sensitivity of chemiluminescence and distinctive specificity. CLEIA can detect even minute concentrations of biomarkers essential for early diagnosis in oncology, cardiology, infectious diseases, and more. CLEIA technology offers a broader dynamic range, higher throughput, and superior precision, transforming diagnostic confidence for clinicians worldwide. As laboratories increasingly shift toward automation and innovation, CLEIA stands at the forefront of next-generation in-vitro diagnostics.

Fujirebio- Japan's Global Expertise Meets Agappe's Local Market Insights

Fujirebio, with over five decades of global leadership in in-vitro diagnostics, brings unmatched expertise in [chemiluminescence immunoassay analyzers](#), setting benchmarks for innovation and quality. Agappe, a trusted leader in India's diagnostics landscape, complements this global excellence with deep local market understanding, agile manufacturing capabilities, and a commitment to accessible healthcare. This partnership bridges precision-driven Japanese innovation with India's dynamic healthcare needs, offering laboratories access to [world-class CLIA analyzers](#) at optimized costs. Together, Fujirebio and Agappe brought high-performance solutions tailored to diverse global healthcare environments, for earlier, faster, and more reliable diagnoses.

The Role of Novel Biomarkers in Transforming Immunoassay Testing

By detecting diseases at earlier stages, novel biomarkers enable clinicians to intervene sooner, improving patient outcomes dramatically. Through their collaboration, Agappe and Fujirebio are pioneering the development of innovative biomarkers across critical areas such as oncology,

neurology, cardiology, and infectious diseases. Powered by advanced chemiluminescence [immunoassay analyzers](#) they offer unparalleled sensitivity and specificity. Particularly for complex conditions like Alzheimer's disease and interstitial lung disorders, early detection through novel biomarkers holds the promise of changing treatment paradigms.

Future-Ready Labs: Redefining Diagnostics through Collaborative Innovation

Agappe and Fujirebio are setting new global standards by shaping future-ready laboratories through collaborative innovation. Leveraging CLEIA technology with CLIA analyzers (Mispa i60 & Mispa i121), the partnership delivers high-throughput, fully automated, and highly sensitive solutions designed for the evolving demands of modern diagnostics. This collaboration empowers laboratories to transition beyond conventional diagnostics into intelligent, automation-driven platforms that improve operational efficiency and clinical decision-making.

Insights from Clinicians and Laboratory Medicine Experts

Several esteemed leaders in laboratory medicine and pulmonology have strongly endorsed the breakthrough potential of advanced CLEIA-based immunoassays, highlighting their unprecedented impact in enabling early, precise detection of Alzheimer's disease and interstitial lung diseases. For example:

Dr Ravi Gaur, MD., Chairman Medical Advisory Committee, Oncquest laboratories Ltd, New Delhi reiterated- "Novel biomarkers aren't just diagnostic tools—they're silent revolutionaries, enabling early, precise differentiation in Alzheimer's and ILDs like never before. This is the future of medicine: proactive, personalized, and powered by purpose."

Dr Prabhudesai: Dr Pralhad Prabhudesai, Consultant pulmonologist, Mumbai, India, MD DNB FCCP (USA) also commented, "KL-6 is emerging as a crucial ILD biomarker—tracking activity, progression, and response. Proven in East Asia, its potential in India is immense. With wider use, it could transform ILD care through early, precision-guided insights."

Dr. Pratheep Kottam, Neurologist, Rajagiri Hospital, Cochin, India commented- "Novel biomarkers like amyloid beta and tau are transforming dementia care in India—enabling early, accurate diagnosis and personalized treatment. Urban centres are adopting them, but nationwide impact needs greater awareness, training, and collaborative innovation across healthcare systems".

Delivering World-Class CLEIA Solutions to Laboratories Around the Globe

Agappe and Fujirebio Japan are redefining excellence in global diagnostics by delivering cutting-edge CLEIA-based immunoassay analyzers for selected countries as agreed upon. They bring world-class CLEIA solutions ensuring Agappe's commitment to "Make in India", aligning global demands for accessible, affordable diagnostic excellence. With a shared vision of making

premium diagnostics universally available, they transform how healthcare systems detect, diagnose, and deliver care — setting new benchmarks for laboratories across continents.

Labs now need access to clinically validated biomarkers and scalable high-sensitivity platforms, so as to bridge the gap between scientific discovery and real-world impact. Because the future won't wait. And neither should we.

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