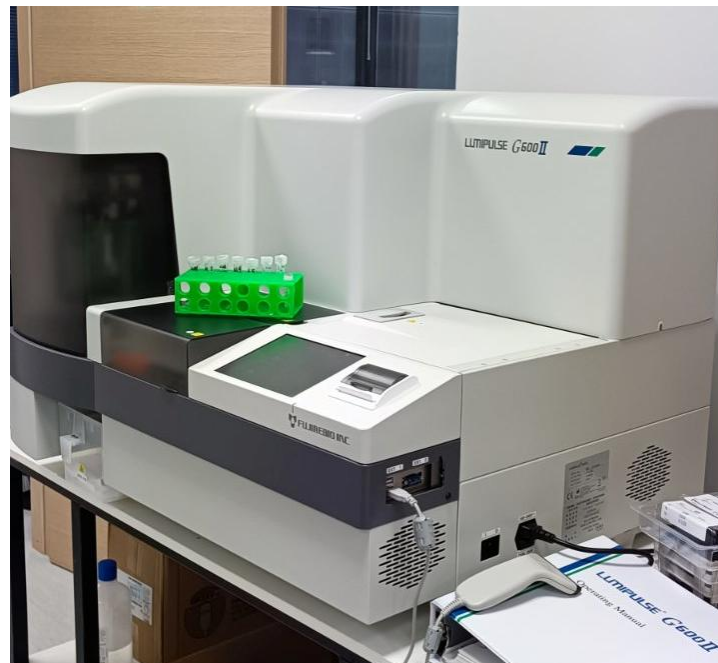


Our laboratory staff is experienced and adequately trained in biomarker analyses.

Fujirebio LUMIPULSE G600II is a state-of-the-art, fully automated benchtop immunological analyzer, based on Chemiluminescence Enzyme Immunoassay (**CLEIA**) technology. It can analyze a vast number of disease-related biomarkers in various types of samples (**serum, plasma, urine, etc.**) depending on the type of test, with a productivity of **60 tests/hour**, and with results provided **within 35 minutes** for all requested tests. Additionally, the analyzer has high calibration stability and performs automatic dilutions and **can simultaneously analyze up to 8 biomarkers**. The platform offers extra-sensitive analyses, down to low pg/mL. This is much lower than traditional ELISA kits (sensitivity at about 5 pg/mL, and LoQ at 7.81 pg/mL).



The panel of disease-related biomarkers includes **i) neurodegeneration** (amyloid species, tau protein, phosphorylated tau protein, light neurofilament, ApoE etc.), **ii) COVID-19**, **iii) Cancer** (AFP, PIVKA-II, Mesothelin), **iv) Liver** (AFP, PIVKA-II, HBcrAg), **v) Inflammation** (HMW Adiponectin, Procalcitonin (BRAHMS), Interleukin-6 (IL-6)), **vi) Bone** (25-OH Vitamin D, whole PTH (3rd generation PTH)), **vii) Hypertension** (Renin, Aldosterone), **viii) Fertility** (Anti-Mullerian Hormone (AMH)), and **ix) Interstitial pneumonia** (KL-6).

Request a quote

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