



**PRAISTON Sp. z o.o.**  
ul. Górowska 32  
64-100 Leszno  
Polska

Biuro: +48 65 527 01 67  
Serwis: +48 782 844 000  
Fax: +48 65 527 01 67  
E-mail: [biuro@praiston.pl](mailto:biuro@praiston.pl)

Koordynator ds. sprzedaży  
Krzysztof Wybieralski  
+48 882 762 006  
[kw@praiston.pl](mailto:kw@praiston.pl)



**COVID-19 LANSIONBIO LS-2100 / LIFETEST Immunoassay Analyzer (New)**

- New,
- Power supply: 230 V,
- Frequency: 50/60 Hz,
- The LS-2100 analyzer uses an advanced time-resolved fluorescence immunoassay (TRFIA) method for the quantitative COVID-19, in vitro testing of biomarkers for diabetes, inflammation, cardiovascular disease, hormones, gastric disease, kidney disease, cancer, etc.,
- It has 8 channels and can simultaneously analyze up to 8 samples determining different parameters,
- Time per analysis is approximately 7-10 sec,
- TRFIA is a super-sensitive detection technique characterised by the specific fluorescence of rare earth ions. It is not only highly sensitive, but also overcomes enzyme marker instability and is the best choice for immunological detection. The high fluorescence intensity and long life of the labelled environment on the test results,
- The basic principle of this analyzer is to convert the fluorescence signal into a digital signal and calculate the concentration by the data processing system,
- LANSIONBIO / LIFETEST is one of only two manufacturers in the world with Neutralising Antibody tests for quantifying antibody levels to COVID-19 in vaccine recipients and recovered patients (this allows the real level of immunity of the person tested to be determined),
- It has the ability to test COVID-19:
  - Covid-19 Antigen,
  - 2019-nCoV IgM/IgG,
  - SARS-CoV-2 Neutralising Antibodies,
  - COVID-19 Antigen (Autotest) (Nasal swab) (CE1434),
  - COVID-19 Antigen (Autotest) (Saliva swab) (CE2934),
  - Influenza A+B/Covid-19 Antigen,
- In addition, the following parameters can be tested with the LS2100 analyser:
  - Monkeypox virus:
    - Monkeypox virus antibody,
    - Monkeypox virus antigen,
  - Thyroid:
    - TSH,
    - TT3,
    - TT4,
    - FT3,
    - FT4,
  - Hormones:
    - LH,
    - FSH,
    - PRL,
    - β-HCG,
    - AMH,
  - Inflammation monitoring:
    - CRP,
    - SAA,
    - PCT,
    - SAA/CRP,
    - PCT/CRP,
    - IL-6,
  - Cardiac parameters:
    - Myo,
    - cTnl,
    - CK-MB,
    - cTnl/CK-MB/Myo,
    - D-Dimer,
    - NT-proBNP,
    - H-FABP,
    - BNP,
    - FDP,
    - ST2,
  - Gastric parameters:
    - PGI,
    - PGII,
    - G-17,
  - Renal parameters:
    - NGAL,
    - mAlb,
  - Tumour changes:
    - PSA,
  - Bone metabolism:
    - 25-OH-VD,
  - Anaemia:
    - Ferritin(Ferritin),
  - Angiocardio:
    - HCY,
  - Immune system:
    - IgG4,
    - CCP,
    - IgE,
  - Other:
    - HbA1C,
- The tests are recommended by WHO and listed on FIND [https://www.finddx.org/covid-19/pipeline/?section=immunoassays#diag\\_tab](https://www.finddx.org/covid-19/pipeline/?section=immunoassays#diag_tab)
- The tests are also recommended by the EU and listed on the COVID-19 diagnostics list [https://covid-19-diagnostics.jrc.ec.europa.eu/devices/14?marking=Yes&principle=ImmunoAssay-Antigen&%C2%ADformat=Rapid%20diagnostic%20test&manufacturer=&text\\_name=#form\\_content](https://covid-19-diagnostics.jrc.ec.europa.eu/devices/14?marking=Yes&principle=ImmunoAssay-Antigen&%C2%ADformat=Rapid%20diagnostic%20test&manufacturer=&text_name=#form_content)
- They have certified validation by the Swiss institute CBTMiB, which shows that they have 100% sensitivity and 100% specificity,
- Specification:
  - Test method: Time-resolved fluorescence immunoassay (TRFIA),
  - Sample: Serum / Plasma / Whole Blood / Urine / Saliva,
  - Data storage: 10,000 results,
  - System: Android,
  - Test speed: 120 T/H,
  - Display: 10-inch HD touchscreen,
  - Menu in English,
  - Information system: RS232 (LIS/HIS), RJ45, USB, Wi-Fi, Bluetooth,
  - Built-in thermal printer,
- Applications: laboratory, ED, cardiology, ICU, paediatrics, etc,
- User manual in Polish and English (PDF),
- Dimensions: 39 x 29 x 20.5 cm,
- Weight: 7.5 kg,
- Valid technical passport issued,
- Warranty: 24 months,
- Financing available (Poland only): Instalments, Leasing, Loan,

If you have any questions, please do not hesitate to contact us!  
In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.  
WE SPEAK ENGLISH  
HABLAMOS ESPANOL  
WIR SPRECHEN DEUTSCH  
ON PARLE FRANCAIS  
WIJ SPREKEN DUTCH  
Мы говорим по русски  
Мы говорим по украински

