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## COVID-19 LANSIONBIO LS - 4000 / LIFETEST Manual Immunoassay Analyzer (New)

New.

By P.R.C.,

Power supply: Three 18650 lithium batteries: DC 3.7 V, 2200 mAh (72 h standby time),

Frequency 50/60 Hz,

LS - 4000 analyzer uses advanced TRFIA method for COVID-19, in vitro, quantitative detection of bi-markers of diabetes, inflammation, cardiovascular disease, hormones, gastric disease, kidney disease, tumors, etc. English language menu,

It has the ability to test COVID-19 with four types of tests:

Nasal Antigen (nasal swab),

Saliva Antigen (saliva swab),

Neutralising Antibody (amount of antibodies in vaccinated and recovered patients), IgG/IgM (nasal swab for antibodies),

In addition, the following parameters can be tested with the LS- 4000 analyzer:

Hormones:

AMH

**TSH** 

T3 T4

LH GH

FSH

PRL

β-HCG

25-OH-D3

Inflammation monitoring: CRP

SAA

PCT Cardiac parameters:

Муо, cTnI CK-MB

D-Dimer

NT-proBNP

H-FABP

Gastric parameters:

PGI

PGII

G-17

Other:

HbA1C

**PSA** 

These tests are recommended by WHO and listed on the FIND list 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=ImmunoAssy-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,

Data Storage: 50,000 results,

Display: 5.0" color touch LCD, 1280×720 resolution,

Information system: RS232, USB Type - C, Wi-Fi and Bluetooth and 4G,

Application: Rescue helicopter,

Outdoor rescue,

First Aid Kit, Ambulance

Field rescue Family Health Care,

User manual in English (PDF),

Dimensions: 8.5 x 19.1 x 4.5 cm,

Weight: 0.6 kg,

Holds a current Technical Passport,

Warranty: 24 months,

Finance options (Poland only): Installments, Leasing, Loan



