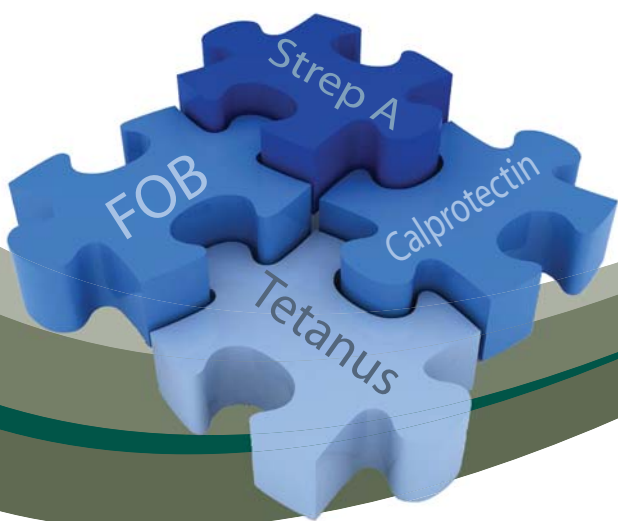


Modular Diagnostic System for Immuno-chromatographic Test



...and more

Description

NEMESYS is a modular diagnostic system for Immunochromatographic test.

Depending on the test, NEMESYS allows to obtain:

- a qualitative interpretation through the acquisition of the test image;
- a quantitative determination according to a specific calibration curve.

NEMESYS system is composed by Software, Readers and RFID.

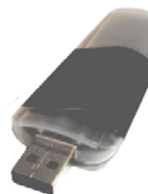
The software has got an internal archive organized by test, with multi-search function and exportable data.

The report generated automatically by the software, includes patient data, test result and the image of the elaborated card.

Readers and accessories



Drug Reader



RFID Reader



Drug Reader Plus



Card Reader

Tests Available

Test	Results	Range of measurement
Fecal Occult Blood	Quantitative	From 30 to 1000 ng/ml
Calprotectin	Quantitative	From 20 to 250 µg/g
Strep A	Semi-Quantitative	From 10 ³ to 10 ⁹ CFU/ml
Drugs of Abuse	Qualitative	Different cut-off for each drug
Syphilis	Semi-Quantitative	3 positive degree
Tetanus	Quantitative	From 0,01 to 0,51 IU/ml
Celiac*	Quantitative	From 8 to 50 IU/ml

Archive

Patient Data stored for each test, including image of elaborated card.
Data search by patient name, date, patient ID, Doctor name.

The image shows a screenshot of a medical software interface. The main window is titled "Faecal occult blood refertation form" and contains several input fields and buttons. The "Patient data" tab is active, showing fields for Id Patient (0), Surname (ROSSI), Name (MARIO), Lab Patient ID, Phone, Date of birth (12/10/1984), Birthplace (MILAN), Tax Code, City (ROME), ZIP Code, and Address. A "Next >>" button is visible at the bottom right of the form. To the right of the main form is a search panel with fields for Name, Region, District, Doctor, Lab Patient ID, and Date (26/10/2011). It includes "Find" and "Open report" buttons. Below the search panel is a table with columns for Name, Address, and City.

Steps



Each lot of product have a different calibration curve, automatically acquired through RFID reader with no cost effects.

Control cards are available for Internal Quality Control.

External Quality Control available by *Quality System*.

Calibration & Controls



BIOGROUP MEDICAL SYSTEM

LOC. CAMPIANO 9/B TALAMELLO(RN) 61015
TEL 0541920686

Patient Data

Surname and Name ROSSI MARI
Birthplace ROMA
Tax code RSSMRR74
City CORSO MA

Test: Anti-Tetanus Toxin A

Test made the: 30/3/2011



Concentration > 0,510

Date
30/03/2011

Concentration in International U



BIOGROUP MEDICAL SYSTEM

LOC. CAMPIANO 9/B TALAMELLO(RN) 61015
TEL 0541920686

Patient Data

Surname and Name ROSSI MARIO
Birthplace ROMA
Tax code RSSMRR74S02F137M
City CORSO MAZZINI 32 ROMA 61015
Date of birth 01/01/1974
Phone/Mobile 0541-926332

Test: FAECAL OCCULT BLOOD quantitative

Test made the: 30/3/2011



Test Result:	POSITIVE	Concentration	388 ng/mL	Cutoff	100 ng/mL
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The Laboratory analysis

Date
30/03/2011

Quality Control with Quality System FOB

The missing link in Diagnostic



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