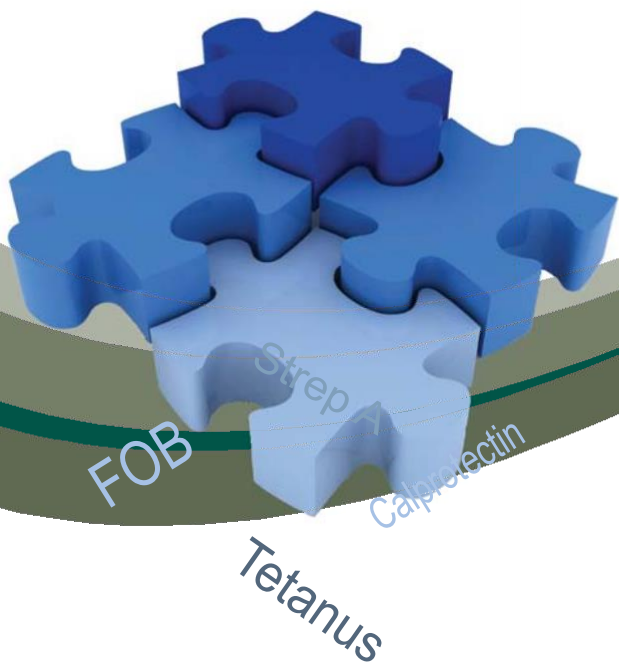


Modular Diagnostic System for
Immunochromatographic Test



...and more

...and more test

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 two overlapping screenshots of a medical software interface. The foreground screenshot is titled "Faecal occult blood refertation form" and contains the following fields:

- Id schedule: 0
- ROSSI MARIO
- Insert Data: 26/10/2011
- Tabbed interface with "Patient data", "Test", and "Notes" tabs.
- Patient data fields: 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 at the bottom right.

The background screenshot shows a search interface with the following fields:

- Name, Region, District, To date (26/10/2011), Doctor, Lab Patient ID.
- "Find" and "Open report" buttons.
- A table with columns: Name, Address, 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

The missing link in Diagnostic

