

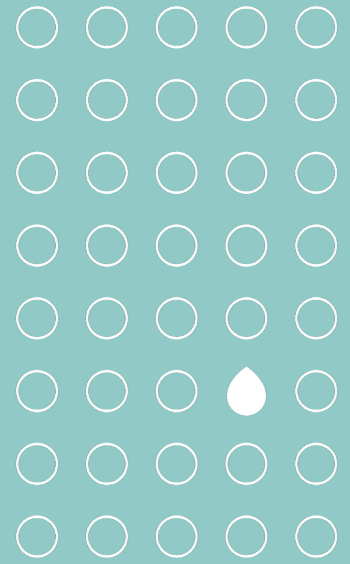
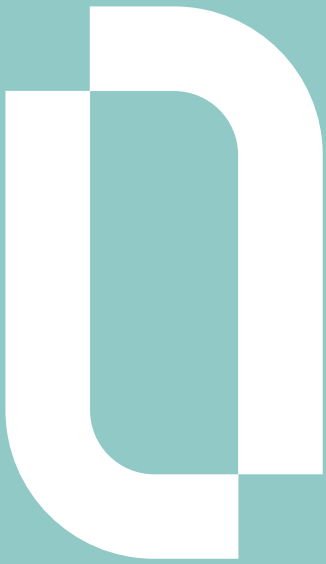


Advancing health,
improving lives.

Product
Portfolio

Newborn Screening





For a safer life start

Starting from blood
collection cards up
to the results

1 Sample collection and pre-processing



Blood Collection

903TM Collection Cards :
Standard card or tailor-made card

Sampling

Range of automatic punchers

INCREASED EFFICIENCY

DECREASED PUNCHING TIME

DECREASED ERROR RATE

2 Our kits



Immunoassay

Our Immunoassay reagents are designed to deliver reliable screening results.

Available in fluorescence and colorimetry, these kits meet IVD certification standards.

To address the diverse needs of laboratories, our reagents are available in different formats and are automatable, offering flexibility and easy integration within different laboratory setups.

DNA Analysis

Our DNA Analysis product line offers kits screening for Spinal Muscular Atrophy (SMA) and Severe Combined Immunodeficiencies (SCID), either separately or in a single combined kit.

Get your results in less than 2 hours and 30 minutes with our ready to use assays. With their fast protocols, the kits are easy to use and allow to test 93 samples at a time on several qPCR platforms.

The ready-to-use reagents are contained in vials, which offer flexibility to labs and fit different throughput requirements.

Mass Spectrometry

Our Mass Spectrometry product line offers efficient kits designed for assays multiplexing, providing fast results with high sensitivity.

These kits are compatible with a wide range of triple quadrupole mass spectrometers, ensuring flexibility across different laboratory setups.

They are specifically developed for hemoglobinopathies screening, including thalassemia syndromes (α - & β -thalassemia) and structural variants (such as sickle cell disease, HbC, HbE disease), and can distinguish between carriers and pathological phenotypes.

3 Platforms



NEO-C-500

Our fully automated workstation for colorimetric immunoassays



NEO-F-500 / 900 / 1200

Our fully automated workstation for fluorescence immunoassays



NEO-M-300 by Hamilton

Our fully automated workstation for molecular

4 Software GeneFoxCub

For DNA Analysis and Mass Spectrometry



Analyse the results automatically

Use our dedicated software

Deliver a quick diagnosis

Within the hour, establish a diagnosis and initiate appropriate measures



Upload the data



Check the results



Download the report

Newborn Screening | Product Range

Immunoassays: Colorimetry & Fluorometry

| DISEASE | PARAMETER SCREENED | PACKAGING SIZE |
|--|------------------------------------|------------------|
| Phenylketonuria | PKU (Colorimetry) | 288 / 576 / 1920 |
| | PKU (Fluorometry) | 288 / 576 |
| Galactosemia | Total Galactose (Colorimetry) | 288 / 576 / 1920 |
| | Total Galactose (Fluorometry) | 288 / 576 |
| | GALT (Fluorometry) | 288 / 576 |
| Maple Syrup Urine Disease | MSUD (Colorimetry) | 288 / 576 / 1920 |
| | MSUD (Fluorometry) | 288 / 576 |
| Glucose-6-phosphate Dehydrogenase deficiency | G6PD activity (Colorimetry) | 480 / 1920 |
| | G6PD activity (Fluorometry) | 288 / 576 |
| Biotinidase Deficiency | Biotinidase activity (Colorimetry) | 480 / 1920 |
| | Biotinidase activity (Fluorometry) | 288 / 576 |
| Congenital Hypothyroidism | TSH (Colorimetry) | 192 / 576 / 1920 |
| | TSH (Fluorometry) | 192 / 576 |
| | T4 (Colorimetry) | 192 / 576 |
| | T4 (Fluorometry) | 192 / 576 |
| Cystic Fibrosis | IRT (Colorimetry) | 192 / 576 / 1920 |
| | IRT (Fluorometry) | 192 / 576 |
| | PAP (Colorimetry) | 192 |
| | PAP (Fluorometry) | 192 |
| Congenital Adrenal Hyperplasia | 17OHP (Colorimetry) | 192 / 576 / 1920 |
| | 17OHP (Fluorometry) | 192 / 576 |

Molecular

| DISEASE | PARAMETER SCREENED | PACKAGING SIZE |
|--|--------------------|----------------|
| Spinal Muscular Atrophy | SMN1 & RPP30 | 480 |
| Severe Combined Immunodeficiency | TREC & RPP30 | 480 |
| Spinal Muscular Atrophy & Severe Combined Immunodeficiency | TREC, SMN1 & RPP30 | 480 |

Mass Spectrometry

| DISEASE | PARAMETER SCREENED | PACKAGING SIZE |
|---|--|----------------|
| Hemoglobinopathies* <small>*Also available in genetic testing for HbS and HbC</small> | Thalassemia Syndromes & Structural variants α- & β-thalassemia HbS, HbE, HbC, HbE, HbO Arab and HbD Punjab | 96 / 480 |



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