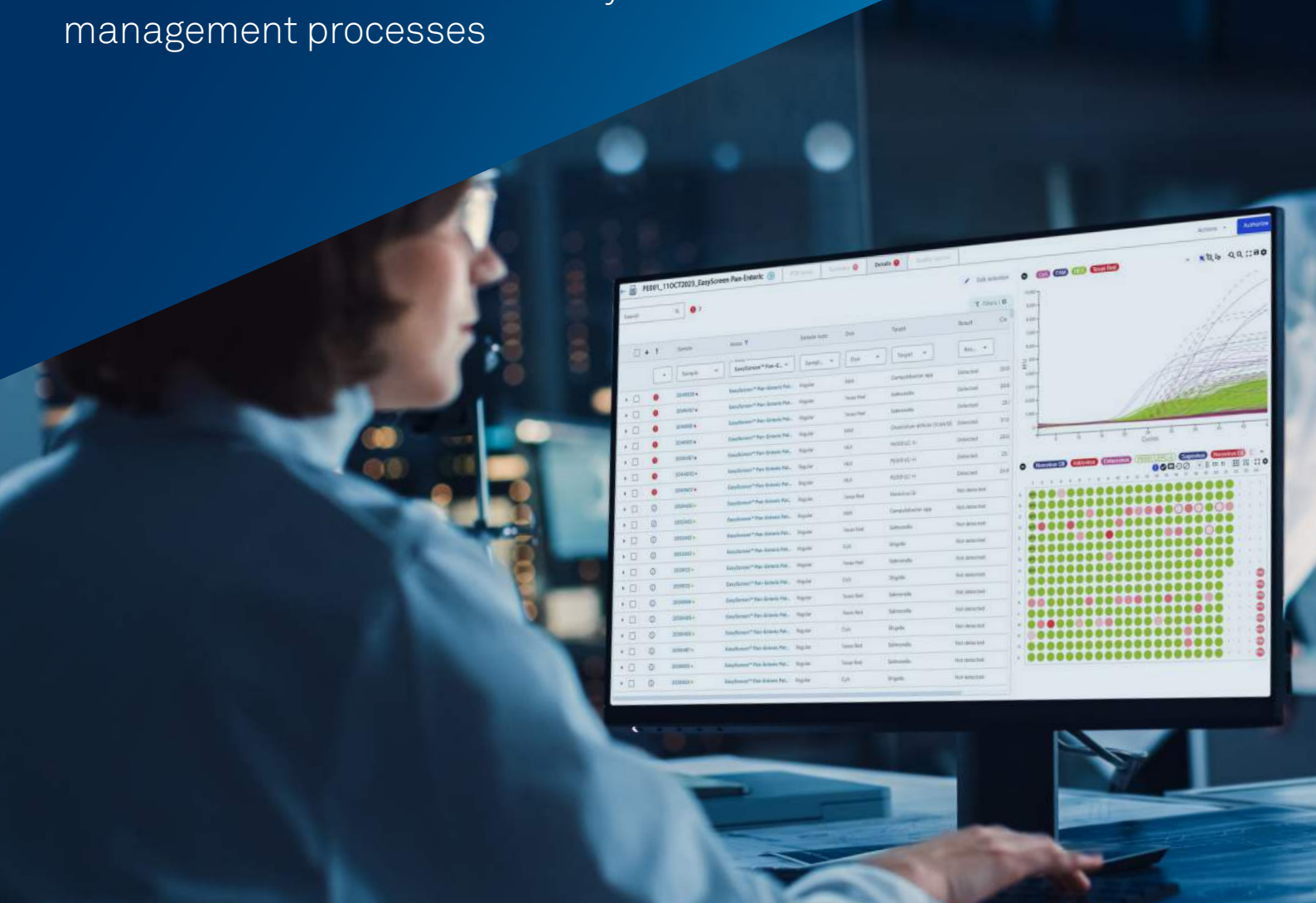# GS-Analysis

Understand and report on Genetic Signatures' assays with easy-to-use interpretation software

GS-Analysis enables fast, reliable interpretation of results, whilst providing accurate and visible traceability of management processes

Genetic Signatures

Transforming Molecular Diagnostics

Key benefits of GS-Analysis

Genetic Signatures
Transforming Molecular Diagnostics

User friendly

- Choose between automatic or manual import options for easy result interpretation
- Simultaneous analysis of all your samples
- Graphical and tabular display with optional summary or detailed analysis report

Systems traceability

- Audit trail captures recorded corrections and authorisations
- Archive and search for historical data

Laboratory Information Systems (LIS) connectivity

- Customisable file export options (csv, pdf)
- Automatic or manual reporting to LIS
- Automatic or manual programmed release of valid results

Secure storage and data processing

- Cloud-based system with multiple layers of security and data encryption
- Built in Microsoft Azure infrastructure
- Password protected user authentication
- Compliance with industry guidelines such as GDPR, APP, HIPPA and general industry best practice

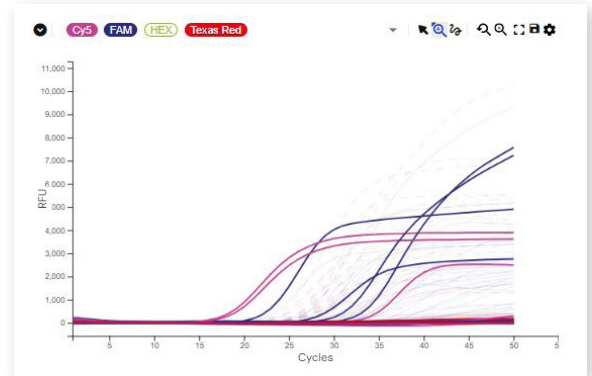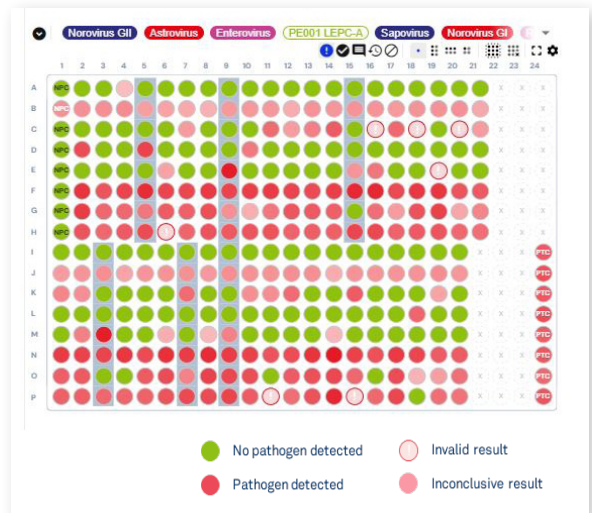## Automated results interpretation for a syndromic testing workflow

Plate map layout of results

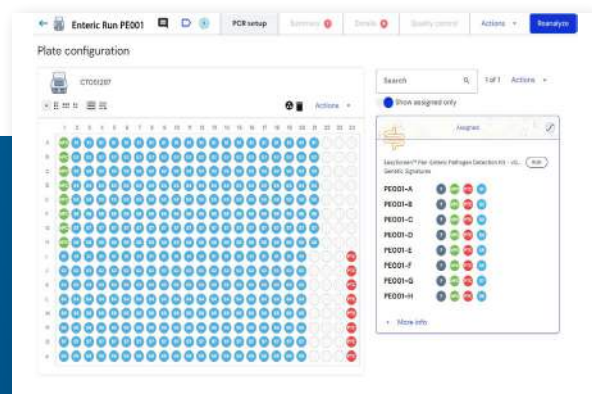**PCR plate configuration**

Example provided: *EasyScreen*™ Pan-enteric Detection Kit

"The robustness of result interpretation in a qPCR workflow is incredibly important, particularly in a syndromic assay to ensure the quality and confidence in results. GS-Analysis aims to take our solutions for infectious disease diagnostics to the next level."

John Buckels
Director of Sales & Support, EMEA

GS-Analysis software interface

Report summary

REVIEW FLAGGED RESULTS

RESULTS PANEL

Multiple filter options

GRAPHICAL VIEW OF CURVES

PLATE MAP LAYOUT

Easy-to-read results of individual samples with multiple pathogens

QC INTERPRETATION AND SAMPLE INTEGRITY NOTIFICATION

DETAILED SAMPLE RESULTS OF TARGETS PER WELL

SINGLE SAMPLE WITH MULTIPLE PATHOGENS DETECTED

GRAPHICAL VIEW OF CURVES FOR MULTIPLE TARGETS IN 1 SAMPLE

PLATE MAP LAYOUT HIGHLIGHTING SINGLE PATIENT IN MULTIPLEX ASSAY

Example of dashboard: *EasyScreen*™ Pan-Enteric Detection Kit, summary results of single patient sample with multiple pathogens detected.

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GS-Analysis software specifications

Minimum system requirements	Hardware requirements • Processor: 2GHz, 2GB RAM
	Supported web browsers • Google Chrome: version 86 or later (preferred) • Microsoft Edge: version 85 or later • Mozilla Firefox: version 83 or later
Internet connection	Cable or DSL is recommended
Supported PCR cycler	BioRad CFX384™
Files	Customisable file export options (csv, pdf)
LIS connectivity	Yes, automated unidirectional or manual
User profile	Customised user profile
Manual interpretation	Yes-with option to automate release of valid negative results and with time-stamped traceability
Secure cloud-based data processing	• Microsoft Azure network • Data encryption • Password protected authentication

*GS-Analysis is for Research Use Only (RUO) and currently only available in Europe for use with the *EasyScreen*™ Pan-Enteric Detection Kit (PE001). Contact us for more information on the regulatory status of our products in your region. When using our products always use the label and follow the directions for use.

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