

SpeedX Analysis Software

Streamline your testing with intelligent automated analysis software

SpeedX Analysis software is a validated analysis solution for SpeedX **PlexPCR**[®] and **ResistancePlus**[®] tests. Intelligent design provides automated results calling from multiplex or multi-well assays in a couple of clicks. Now you have a single, license-free software solution for all your routine PCR analyses.

- ▶ Streamlined workflow with simple set-up & operation
- ▶ Intelligent design for reproducible data analysis
- ▶ Fast turn-around time to free up laboratory staff
- ▶ Audit-trail & searchable databases
- ▶ Multiple user support & traceability with unique log-ins
- ▶ Minimal Senior Scientist hands-on time with results resolve functionality
- ▶ High security, GDPR compliant cloud-based system
- ▶ No ongoing IT maintenance or license requirements

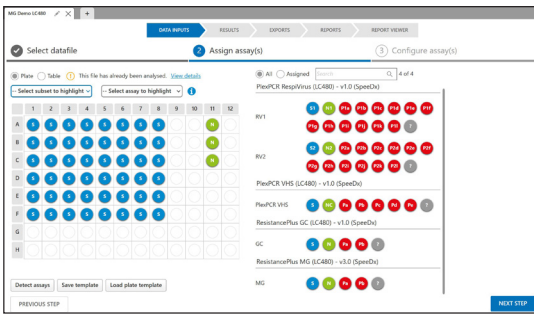
Function	Application
CE/IVD certified	<ul style="list-style-type: none">• Simplify test validation process
Automated results calling	<ul style="list-style-type: none">• Improve efficiency• Free up Senior Scientist
Unique user log-in	<ul style="list-style-type: none">• Accountability & traceability• Control user access & authorisations
Full audit trail	<ul style="list-style-type: none">• Quality control & evidence record for reagent lots, data analysis & manipulation
LIS compatibility	<ul style="list-style-type: none">• Simple export & batch transfer
Secure data processing	<ul style="list-style-type: none">• Analysis done without transmission of patient data in compliance with GDPR• Employs Microsoft Azure network with highest security level*
Archive & search	<ul style="list-style-type: none">• Access historic & stored data quickly & easily
Included with all SpeedX kits	<ul style="list-style-type: none">• No license or recurring analysis costs• Multiple users supported with no additional cost

*Certifications: IT-Grundschutz Compliance Workbook, EU-U.S. Privacy Shield Framework, HIPAA/HITECH, ISO 22301, ISO/IEC 27001, ISO/IEC 27017, UK G-Cloud, ISO/IEC 27018, PCI-DSS, FDA CFR Title 21 Part 11 More info & all certificates: www.microsoft.com/trustcenter

SpeedX Analysis Software

Simple, Streamlined, Reproducible

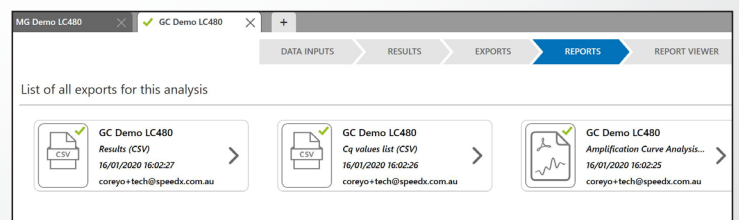
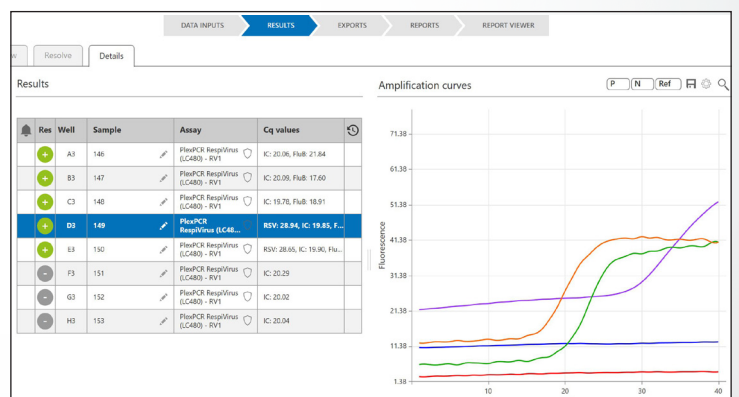
- ▶ Simple assay set-up
- ▶ Automated labelling options
- ▶ Analysis of multiple assays on the same plate



Well	Name	Assay	Result	Cq values	Sample comment	Overall results
B2	Sample_MG	ResistancePlus MG (LC480) - Regular	Invalid			Sample - Invalid IC invalid, repeat test
C2	Sample_MG	ResistancePlus MG (LC480) - Regular	Positive	465-510: 23.95 533-580: 24.98 533-640: 24.00		Sample - Positive M. genitalium, 23S rRNA mutation detected.
D2	Sample_MG	ResistancePlus MG (LC480) - Regular	Positive	465-510: 17.02 533-580: 18.87 533-640: 24.02		Sample - Positive M. genitalium, 23S rRNA mutation detected.
E2	Sample_MG	ResistancePlus MG (LC480) - Regular	Negative	533-640: 23.95		Sample - Negative M. genitalium not detected, IC valid
F2	Sample_MG	ResistancePlus MG (LC480) - Regular	Positive	465-510: 24.21 533-640: 23.90		Sample - Positive M. genitalium detected, 23S rRNA mutation not detected.

Assay	Result	Cq values	Sample comment	Overall results
PlexPCR RespVirus (LC480) - RV1 - Positive control (Respi V4)	Negative			Pos4 - Positive
PlexPCR RespVirus (LC480) - RV2 - Positive control (Respi V4)	Positive	533-610: 19.57		Positive control Respi V4 valid.
PlexPCR RespVirus (LC480) - RV1 - Regular	Positive	533-640: 20.08 618-660: 23.61		130 - Positive FluB detected.
PlexPCR RespVirus (LC480) - RV2 - Regular	Negative			
PlexPCR RespVirus (LC480) - RV1 - Regular	Positive	533-640: 20.13 618-660: 16.88		130 - Positive

- ▶ Automated results calling
- ▶ Intelligent software assesses multiple data characteristics
- ▶ Simultaneous analysis of large numbers of samples
- ▶ Data stored and analysed on high security cloud system
- ▶ Minimal hands-on for senior scientists
- ▶ Focus attention on samples that may require manual interpretation
- ▶ Access fluorescence data from all samples if required
- ▶ Audit trail of reagents, users & data manipulation
- ▶ Automated report and export functionality including LIS compatible .csv & secure.pdf file format
- ▶ Search & filter functionality of archived results



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