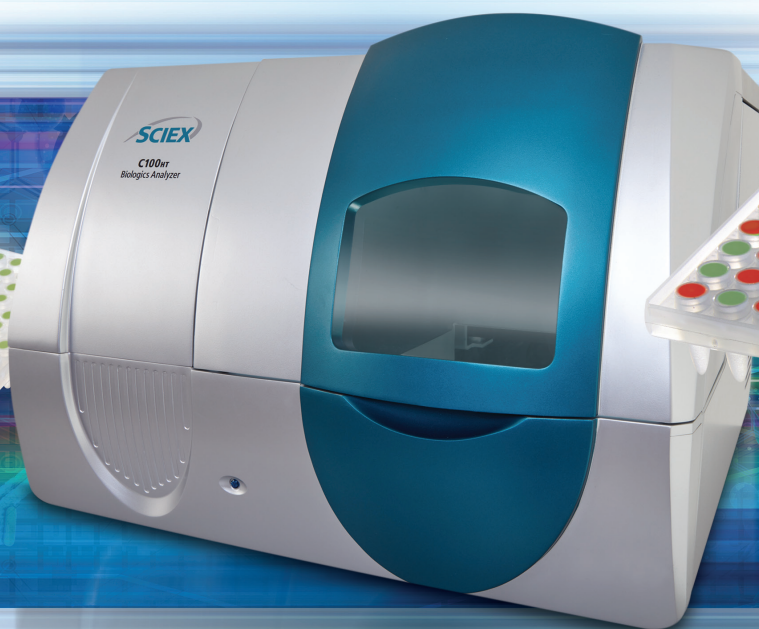


More Samples. Better Decisions – Faster.

High Throughput Glycan Screening and Identification

C100HT
Biologics
Analyzer



Answers for Science.
Knowledge for Life.™



► The C100HT's height-adjustable, mobile lab bench places analytics at the point of decision making.

Screening large sample cohorts is challenging in many ways.

- The neutral charge of glycans makes them difficult to separate
- Glycans are hard to detect because of poor absorbance and the lack of a chromophore or fluorophore
- Analysis often requires time-consuming sample preparation and long separation times
- Data analysis and glycan ID are tedious due to high levels of microheterogeneity

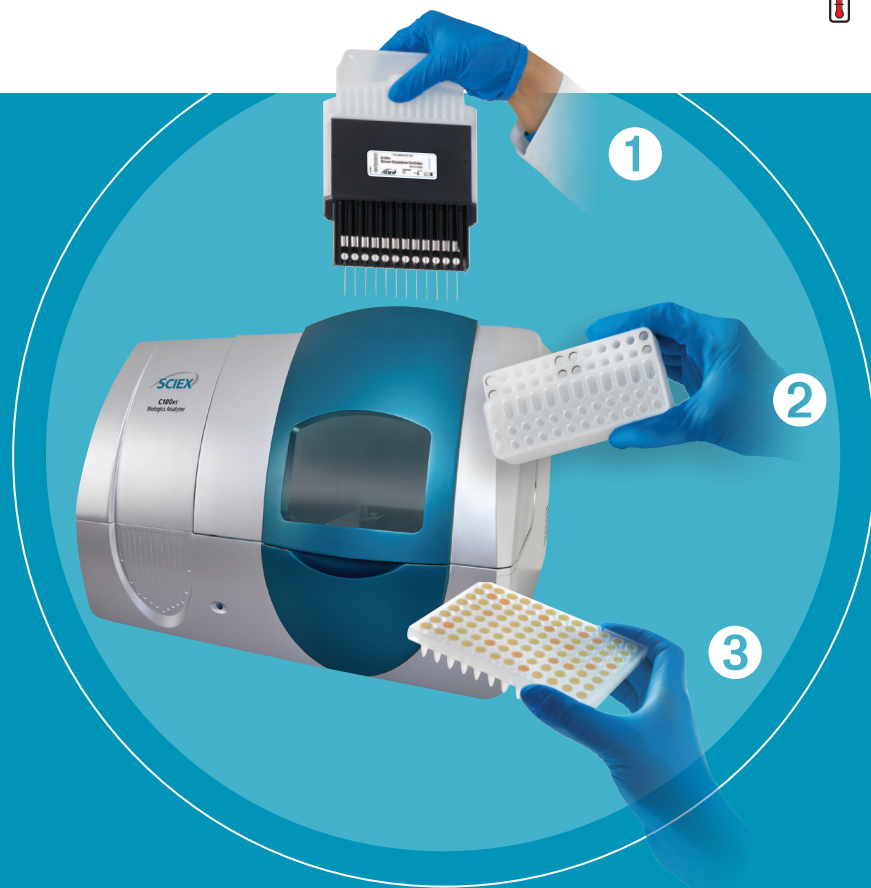
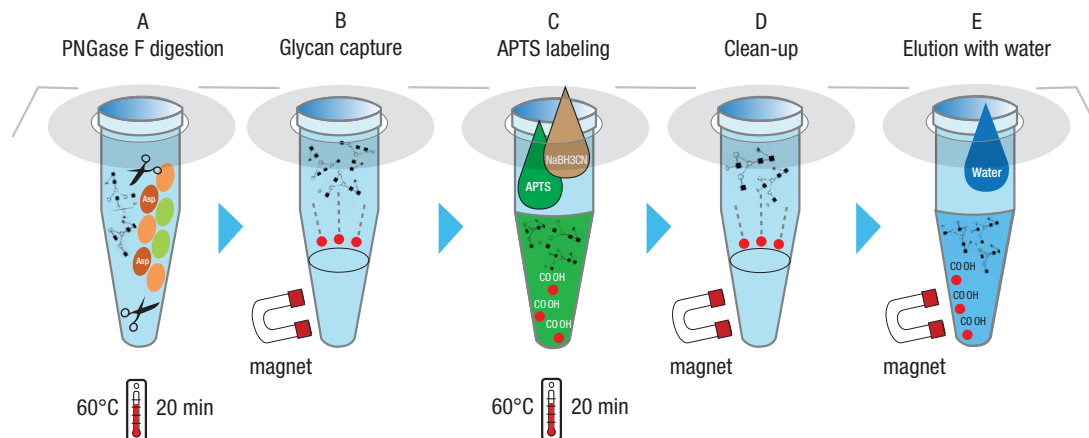
In addition, bioprocessing workflows can easily generate thousands of samples during clone selection and cell culture optimization.

The C100HT greatly simplifies large sets screening, accelerating glycan analysis so you can make faster decisions about product or process.

Now you can screen many more samples and acquire better information – faster than ever. **C100HT** throughput and mobility enable effective real-time cell culture optimization and rapid clone selection. Increase your glycan analysis throughput with confidence and ease.

Fast Glycan Sample Preparation

The **C100HT** uses SCIEX award-winning separation chemistry and methods that allow preparation of 96 samples in less than two hours using automation.



Easy C100HT system set-up
gets you going in minutes

Load...

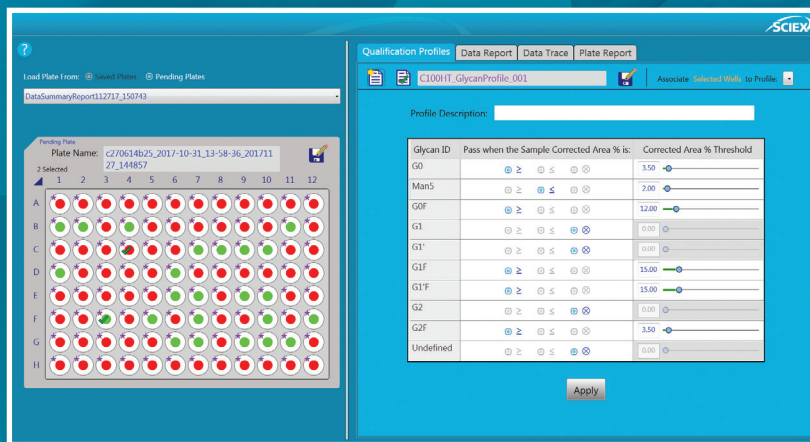
- 1** Pre-filled **C100HT** cartridge
- 2** Pre-filled buffer tray
- 3** Your sample plate

...and Go!

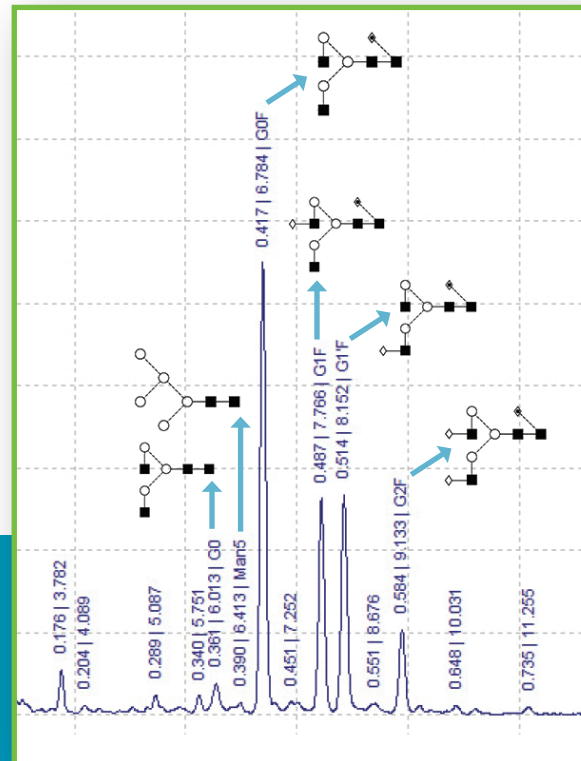
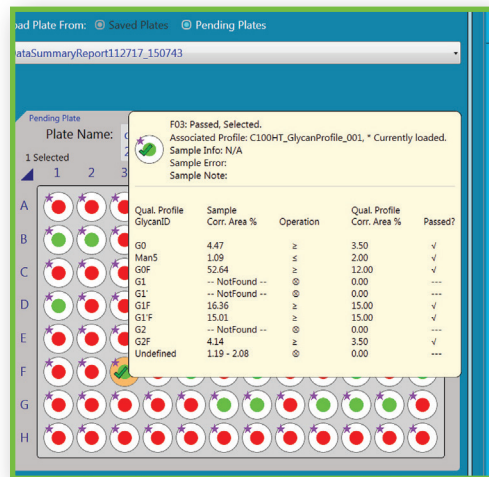
PASS/FAIL results
at a glance.

It's never been easier...

to search for the right glycan profile in your clones, or find the correct cell culture conditions. Just enter your criteria using the intuitive analysis keyboard and let the **C100HT** do all the work – with remarkable speed and accuracy.



No more waiting for results.



Automatically identify

the right glycan profiles for accurate clone selection, or to find the right production conditions.

Just mouse over any well and see why the sample passed (green) compared to your acceptance criteria, or failed (red). Parameters can be easily changed if desired.

- The **C100HT** lets you make confident decisions on clone selection and cell optimization in **real-time**.
- **The result: you can run significantly more samples and make better decisions faster than you thought possible.**

Need additional detail?

Information on individual samples – including identification of major glycan species – can be reviewed quickly and reported for greater insight.



Glycan kit

C100HT Ordering Information

C100HT Instrument	5055074	Includes C100HT Biologics Analyzer, C100HT Controller, Software, and Monitor, C100HT Ship Kit
C100HT Glycan Kit	C13787	Kit includes reagent configuration optimized for separation of 1,000 samples using the C100HT Cartridge
C100HT Cartridge	C15918	Includes 1 pre-filled cartridge for use with the C100HT Biologics Analyzer

Note: The C100HT has been designed for high-throughput screening. It is not recommended for highly-quantitative characterization in Analytical Development or QC.

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