
High Throughput Glycan Screening and Identification

C100HT Biologics Analyzer

SCIEX
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!
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.
Your Success is Our Success
We take it personally

As a SCIEX customer you have access to a world-class customer support organization. Wherever you are, we’re there with you as a trusted partner to answer questions, provide solutions, and maximize lab productivity.

Our customer support organization has access to the latest product updates, software revisions, methods and repair procedures to make sure that you stay on top of your game.

When you have questions, we have answers.
Learn more at sciex.com/customersupport, or locate your local account representative at sciex.com/contact-us

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C100HT Ordering Information

<table>
<thead>
<tr>
<th>C100HT Instrument</th>
<th>5055074</th>
<th>Includes C100HT Biologics Analyzer, C100HT Controller, Software, and Monitor, C100HT Ship Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>C100HT Glycan Kit</td>
<td>C13787</td>
<td>Kit includes reagent configuration optimized for separation of 1,000 samples using the C100HT Cartridge</td>
</tr>
<tr>
<td>C100HT Cartridge</td>
<td>C15918</td>
<td>Includes 1 pre-filled cartridge for use with the C100HT Biologics Analyzer</td>
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</tbody>
</table>

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