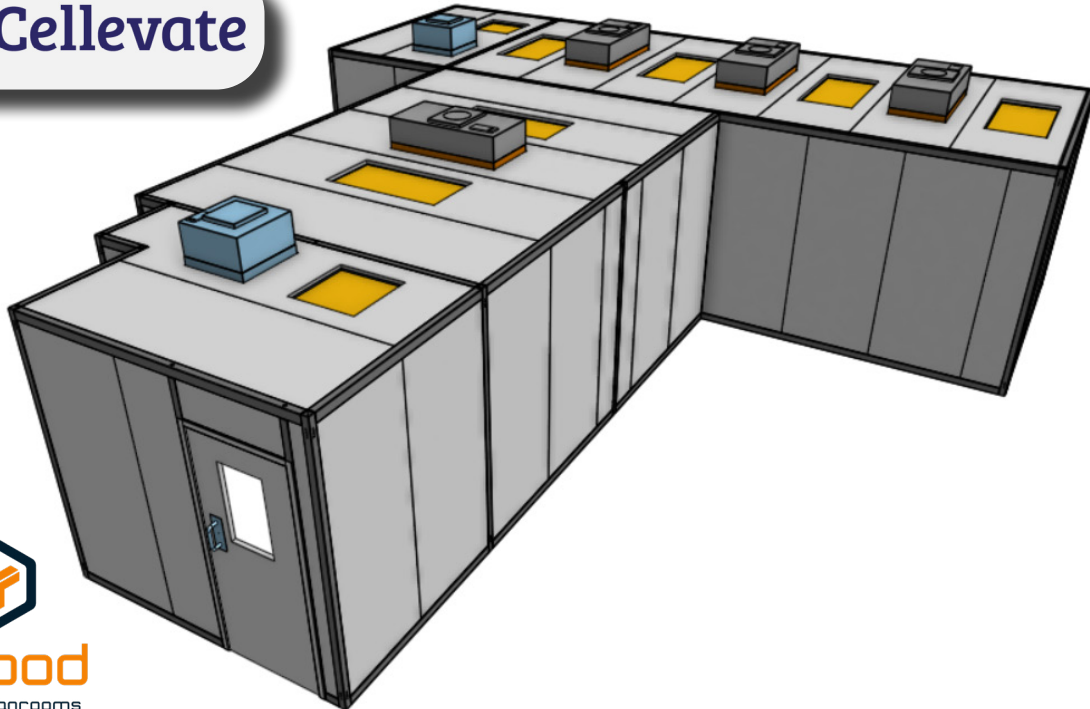


BIOTECH ISOPOD FACILITY



Cellevate



Isopod
rapid cleanrooms

THE CLIENT

Cellevate – a Swedish biotech company that develops and markets the next generation cell culture products for cell and gene therapy and novel vaccines biomanufacturing. The core nanotechnology, Cellevat3d is a game-changing, green and sustainable, deep-tech innovation tailored for the biopharmaceutical industry. This platform allows for an industrial-scale production of microcarriers – with unparalleled surface cell growth, reproducibility, flexibility, and scalability.

THE BRIEF

Cellevate required a more rapid, cost-effective cleanroom solution than the traditional modular system they had planned when Guardtech Nordic AB first engaged with them. Work had tentatively commenced on a system, so the Isopod Design Team utilised the existing modular panel framework to develop a freestanding stainless steel frame pod system that would allow the flexibility to revert to a traditional system in the future.



Biotechnology



Temperature & Humidity: CNC



50m²



Lund, Sweden



“A remarkable, versatile cleanroom solution...”

Guardtech Nordic AB said: “Thank you to the Isopod team for your support in helping to provide an elite cleanroom solution when a more traditional modular system was no longer an option.

“Isopod Rapid Cleanrooms are an ideal solution for clients in the Nordics & Baltics territories, as Guardtech Nordic AB can provide world-class UK-made cleanroom facilities at a cost-effective pricepoint in rapid time. Plus, with Isopods, there’s no need to modify the host building in any way that the cleanroom pod sits within. A truly remarkable, versatile cleanroom solution.”

Guardtech Nordic



Guardtech
nordic AB

If you're based in the Nordics or Baltics and would like to discuss your Isopod enquiry, email sales@guardtech.com



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THE TECH SPECS

A controlled environment designed, installed, cleaned and commissioned by Guardtech built to the following specification:

- ◆ **Structural:** Grade 304 stainless steel 60 x 60mm Box Section frame, GT Shell Lite 50mm PIR insulated powder-coated modular composite wall panels, GT Lid Plus Kingspan 50mm insulated tongue-and-groove ceiling panel system, GT Access Plus Kingspan single doors with vision panels, GT Deck Plus vinyl flooring system.
- ◆ **Electrical:** GT Lux Lite LED lighting panels flush-mounted in ceiling panel achieving 500 lux, emergency light, 10amp double power outlets, CAT6A data sockets embedded in PVC trunking, 16amp power socket, electro-magnetic door interlocks.
- ◆ **Mechanical:** GT Flow Plus Fan Filter Units (FFUs) with H14 HEPA filters achieving up to 60 air changes per hour, DI water piping.

THE CHALLENGES

Cost-effective modular solution:
 The client had originally planned to install a traditional modular cleanroom in their host building, but they had to pivot from that plan for a variety of reasons. In true Guardtech

style, rather than simply abandon the project, we came up with a more cost-effective Isopod Rapid Cleanroom solution that would mean the client could still get an elite modular cleanroom solution on a reduced budget that would be future-proofed for simple expansion or modification at a later stage.

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Great timing: The Guardtech Group International Installation Team worked brilliantly to ensure the project was completed on time – with particularly high praise reserved for the electricians who really do work wonders to install and test all the necessary components to run the bespoke cleanroom pod system.

THE RESULT

Guardtech Nordic AB said: "Thank you to the Isopod team for your support in helping to provide an elite cleanroom solution when a more traditional modular system was no longer an option."

"Isopod Rapid Cleanrooms are an ideal solution for clients in the Nordics & Baltics territories, as Guardtech Nordic AB can provide world-class UK-made cleanroom facilities at a cost-effective pricepoint in rapid time. Plus, with Isopods, there's no need to modify the host building in any way that the cleanroom pod sits within. A truly remarkable, versatile cleanroom solution."

