

Where it holds, not how long.

Refrigerated GLP-1s, peptides and biologics are labeled for 2–8 °C (35.6–46.4 °F). A frozen gel pack sits at 32 °F, below that range. A 5 °C phase-change material sits at 42 °F, inside it. Twenty-two logged runs, 175+ hours, one conclusion.

Keeps refrigerated medication in 2–8 °C for 8 hours at room temperature.
Median of seven full-length runs in the production pod at 66–72 °F. Five of seven held 8 h 26 m or longer. Longest 10 h 05 m. Every number traces to a logged run.

FROZEN WATER / GEL PACK

32 °F

0 °C · plateau sits below the range

Water freezes and melts at 32 °F, so a frozen gel pack holds whatever touches it at or near 32 °F until it is spent. A perfect plateau on the wrong shelf, and why a vial packed against ice can read below 2 °C.

5 °C PHASE-CHANGE POUCH

42 °F

5 °C · plateau sits inside the range

Measured: in the production pod the payload settles at 43–46 °F from hour three and drifts up 0.2–0.5 °F per hour. Same physics as ice. Different set point.

WHAT THE SEVEN RUNS SHOWED

Runs at full length	7 (Sep 10–21, 2026)
Median time inside 2–8 °C	8 h 34 m
Held 8 h 26 m or longer	5 of 7
Longest · shortest	10 h 05 m · 5 h 50 m
Payload plateau	43–46 °F from hour three
Sensor	Probe taped to the vial, a reading every 1–2 minutes
Conditioning	Pouches frozen overnight in a household freezer

SEVEN RUNS · PRODUCTION POD · 66–72 °F

Run 13 · Sep 13	<div></div>	10 h 05 m
Run 11 · Sep 10	<div></div>	10 h 00 m
Run 20 · Sep 19	<div></div>	9 h 34 m
Run 21 · Sep 20	<div></div>	8 h 34 m
Run 19 · Sep 18	<div></div>	8 h 26 m
Run 18 · Sep 17	<div></div>	7 h 45 m
Run 12 · Sep 13	<div></div>	5 h 50 m

Green: at or above the 8 h headline. Bars scaled to 12 h.

Hours are counted from zipper closed until the payload first leaves 2–8 °C on the warm side.

THE SHIPPED LOGGER, ONE NIGHT · SEP 26–27 · BLUETOOTH LOGGER BESIDE THE VIAL, ONE READING A MINUTE

2–8 °C band shaded · Sep 26, 21:53 to Sep 27, 07:09 · 9 h 16 m in band

This is the logger that ships in every pod, read from the phone app. Minimum in band 2.4 °C at entry, settled 5.5–6.3 °C, left the band on the warm side at 07:09.

Log EVERY TRIP

A display is a claim. A log is evidence. Every pod ships with a Bluetooth logger in the tray. It records at the interval you set, down to one reading a minute, and the patient reads the whole trip on their phone: highest, lowest, average, mean kinetic temperature and the curve. The clinic can read the same log. No gel pack, ice pack or battery cooler hands the patient proof.

WHAT WE DO NOT CLAIM

Not “up to 10 hours.”

Two of seven runs reached 10 h. A headline reads as typical, so the headline is 8.

Not “never below 2 °C.”

Freezer-cold pouches can pull a cold vial under 2 °C for up to 45 minutes in the first hour, then settle. The patient sees it on the log.

Not a hot-weather number.

Every run on this sheet was at 66–72 °F. The 8-hour figure is a room-temperature figure and we state it as one.

For the medical director: the full run ledger, with instruments, intervals and the open items we have not yet resolved, is available on request. We would rather you read the open items from us than find them yourself.