

PERSONAL HEALTH INTELLIGENCE · LAB AGENT

Your whole health, read together. An agent that acts on it.

VitaCrypt reads DNA, labs, wearables, microbiome, check-ins and the air you breathe as one profile, checks every link against research, and its Lab Agent turns it into a plan that it follows up.

Paul Burg, solo founder · Early-stage MVP · Guided live demo on synthetic data

app.vitacrypt.xyz/demo · no sign-up, no password

Demo · fictional person · synthetic data · deleted after 7 days

< Monthly report

Your status, 30 Sept 2026 to 28 Oct 2026

4 cited · 11 hypothesis · 17 from your data · synthetic demo data

What changed

YOUR DATA

Total cholesterol went from 212 to 221 (high, reference 125-200 mg/dL).

YOUR DATA

Hs-CRP went from 2.4 to 3.4 (high, reference 0-3.0 mg/L).

YOUR DATA

Ferritin went from 30 to 18 (low, reference 24-336 ng/mL).

YOUR DATA

Fasting glucose went from 95 to 101 (high, reference 70-99 mg/dL).

YOUR DATA

Homocysteine went from 16.8 to 17.9 (high, reference 5-15 µmol/L).

YOUR DATA

LDL cholesterol went from 162 to 171 (high, reference 0-99 mg/dL).

What it means together

CITED

Restart the after-dinner walk to work on glucose and triglycerides.

HYPOTHESIS

1 of 1 links cited in research, each on its own. No study tested this combination; it is VitaCrypt's hypothesis.

CITED

Restart iron plus vitamin C pairing at

TODAY

AGENT

HABITS

TRENDS

PROFILE

Your health lives in a dozen apps. The patterns live between them.

Fragments

DNA in one report, labs in a PDF, sleep in a watch app. The air you breathe is in none of them.

Dashboards, not actions

Each app shows its own numbers. Nobody checks later whether what you changed worked.

Trust

Advice mixes studies with guesses and sales. And the 23andMe breach exposed 6.9 million people's data.

Health AI today mostly **reads one source and explains it**. It does not read the whole person, and it does not come back.

Most tools do one of these. The value is how they compound.

Unified

DNA, labs, wearables, microbiome, check-ins, environment in one profile

Cited

Every link checked against PubMed and Europe PMC; no invented PMIDs

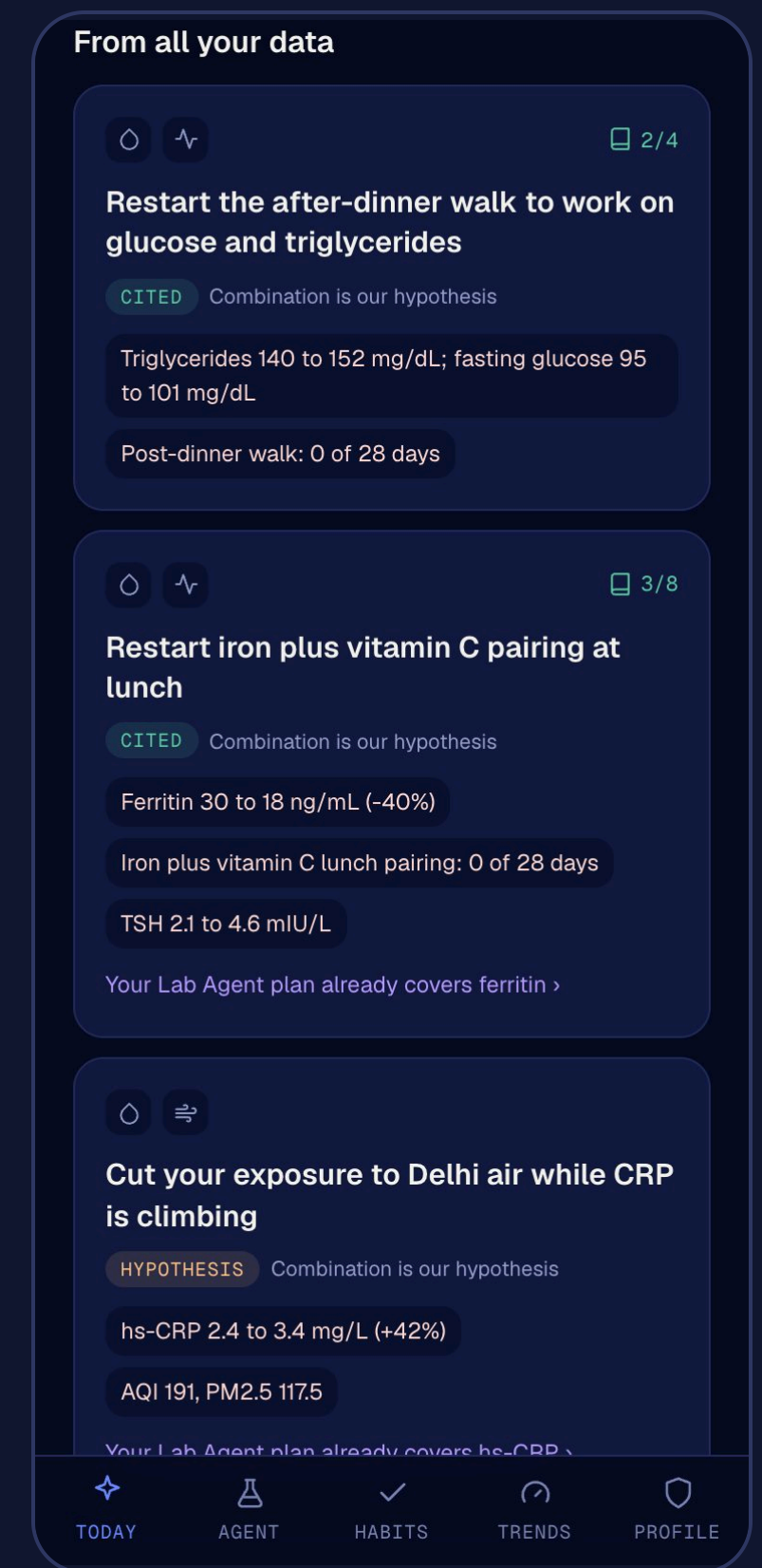
Personal

Your genes × your world: the same lab reads differently by genotype and air

Private

Minimized before anything leaves, encrypted per user

We have not found another product that reads all of these together.

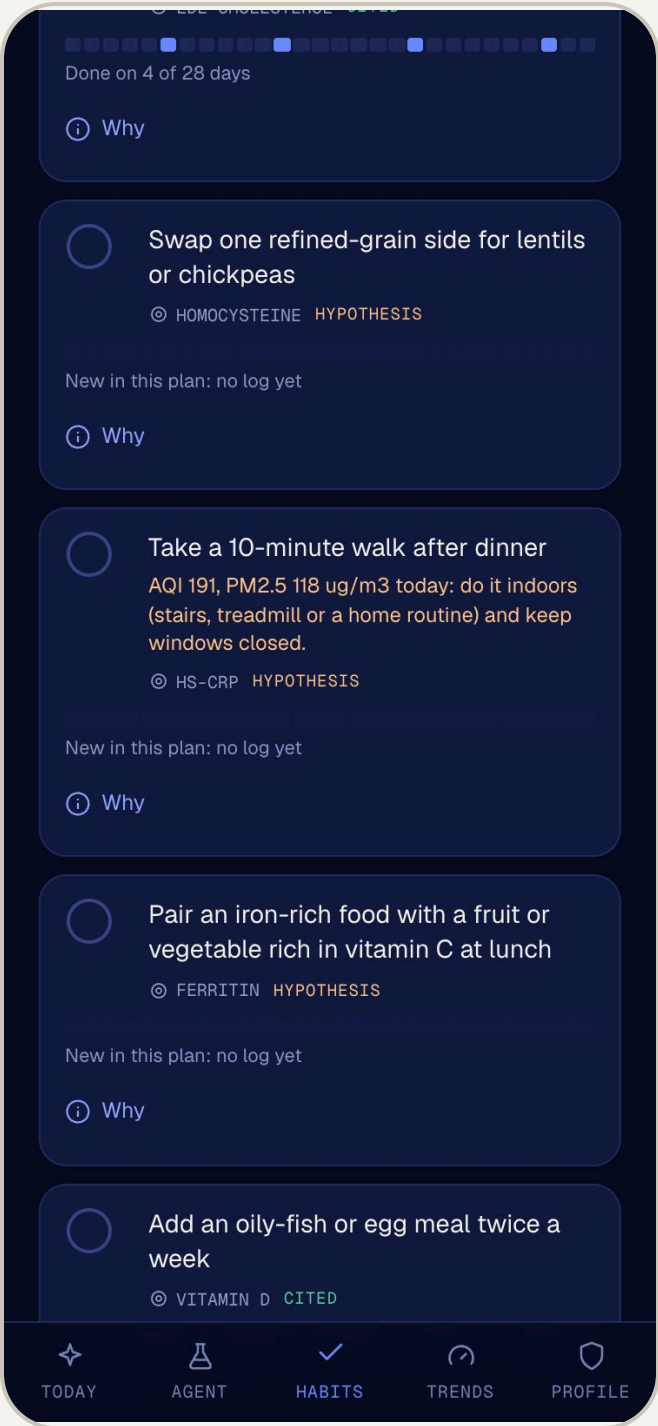
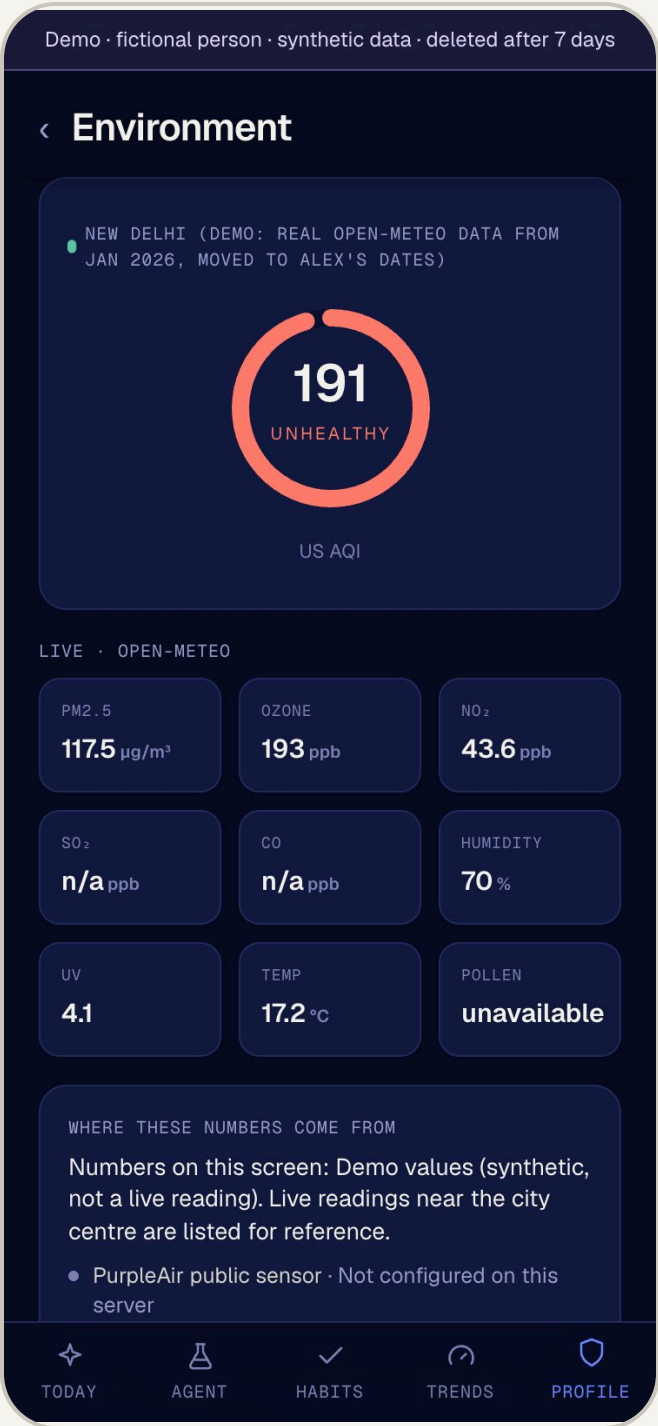


Your genes × your world: three signals, one action

AIR • PM2.5 mean 125 µg/m³, 56 days
LAB • hs-CRP 1.6 to 2.1 mg/L
DNA • IL6 and TNF variants

“Watch inflammation in heavy-pollution months”, labelled Hypothesis: each link cited, the combination is ours.

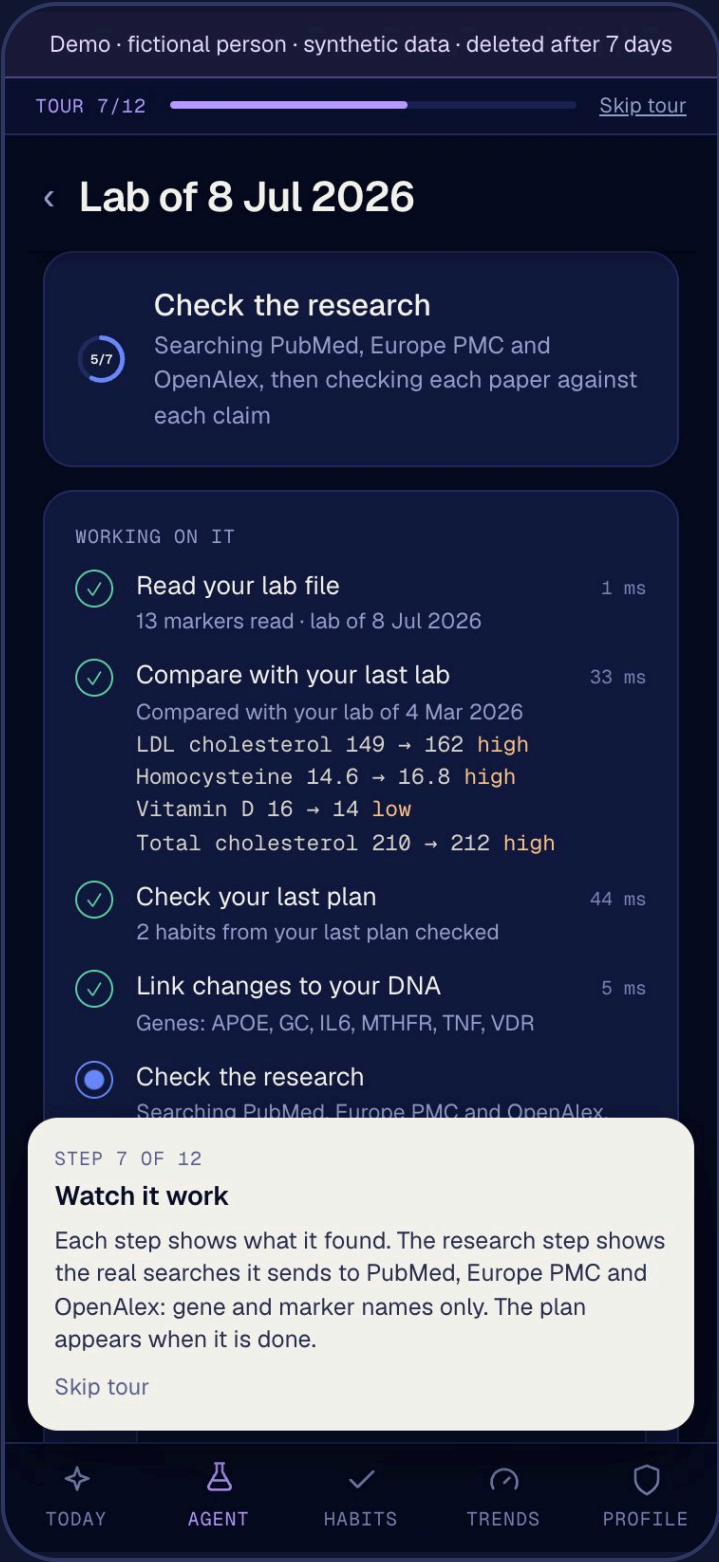
Today’s air changes the plan: the walk habit becomes “AQI 191: do it indoors”.



What makes it an agent

Definition	Lab Agent, as built
Goal	Bring out-of-range markers toward range, with no clinical advice
Decisions	Cited, Hypothesis or Ask your clinician; keep, swap or retire habits
Tools	Lab reader, DNA annotation, PubMed, Europe PMC, AI judge, maps
Actions	Habits, retest date, reminders, clinician link, lab order (sandbox)
Multi-step plan	Seven fixed steps per lab; a plan over weeks to the next lab
Other systems	Telegram, calendar, Junction (US sandbox), OpenStreetMap, Anthropic
Learns	Next lab vs its own plan and the habit log

No chat box. The visitor watches each step and the real search queries.



Every plan item is routed

Cited

Retrieved papers support it; PMIDs shown.

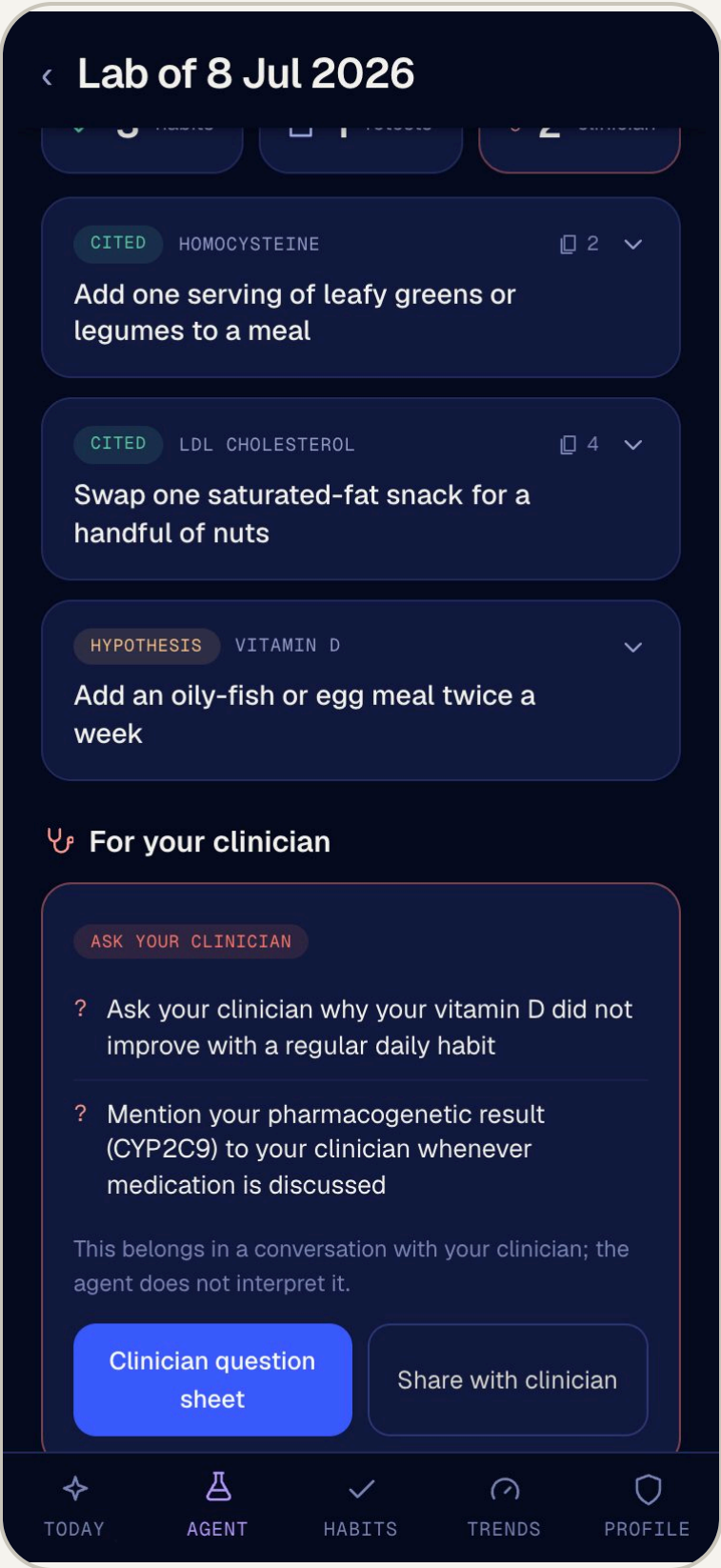
Hypothesis

Not confirmed by a cited study yet.

Ask your clinician

Clinical topics become neutral questions.

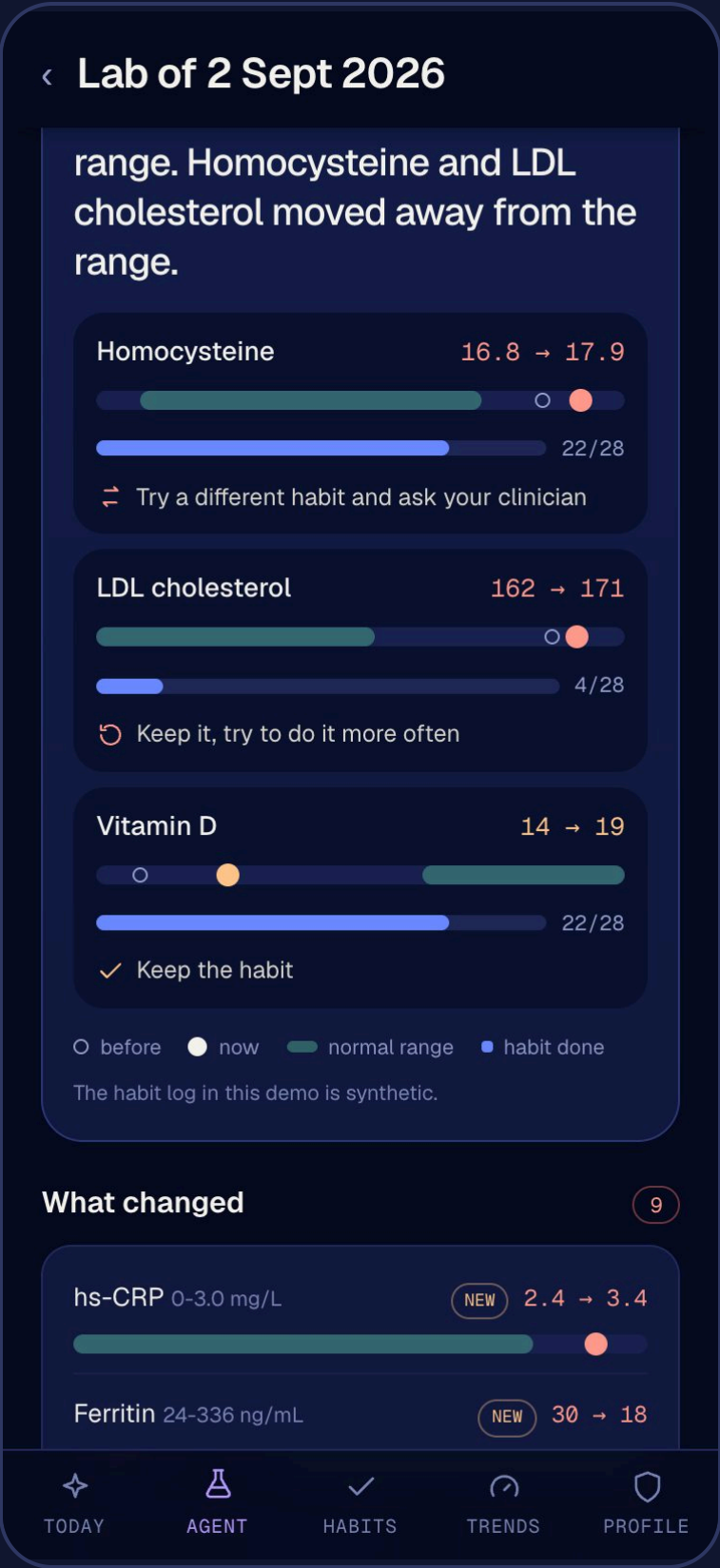
Reference, not prescription: supplements appear only as official values for adults with their source (NIH), never as a dose chosen for you. No diagnoses.



On the next lab, the agent checks its own plan

Marker and habit log	Decision
Moved away, habit done 22 of 28 days	Swap the habit, ask the clinician
Moved away, habit done 4 of 28 days	Keep it, do it more often
Moved toward range	Keep the habit
Back in range	Retire the habit

Live run on the second demo lab: homocysteine 16.8 to 17.9 with the habit done on 22 of 28 days, so the agent swapped it and added a clinician question.



Each action needs your tap and shows what will be shared

Retest reminders

Calendar file and Telegram reminders

Share with clinician

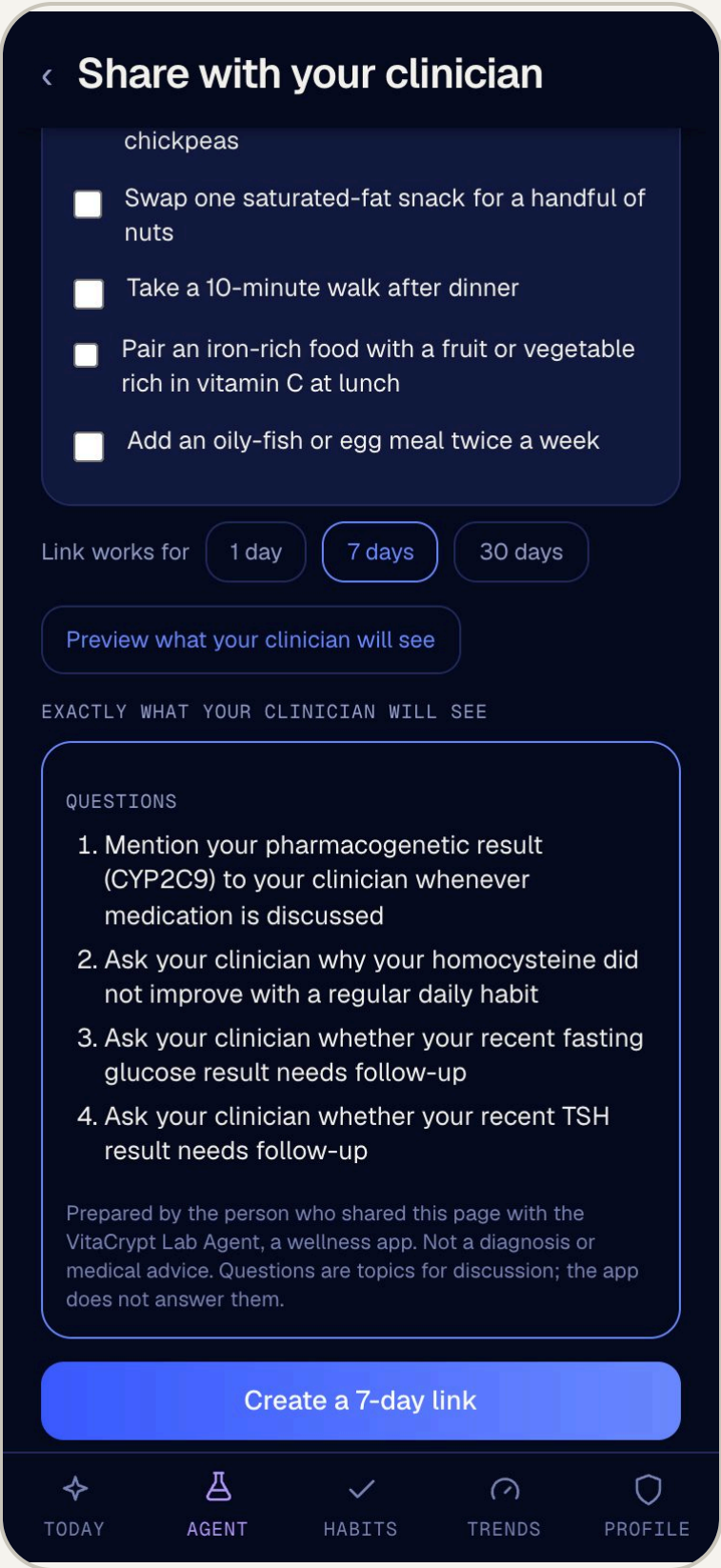
Private page, no name, 1 to 30 days, withdraw any time

Order the same tests

Junction lab-ordering sandbox, US only; simulated in the demo

Labs near you

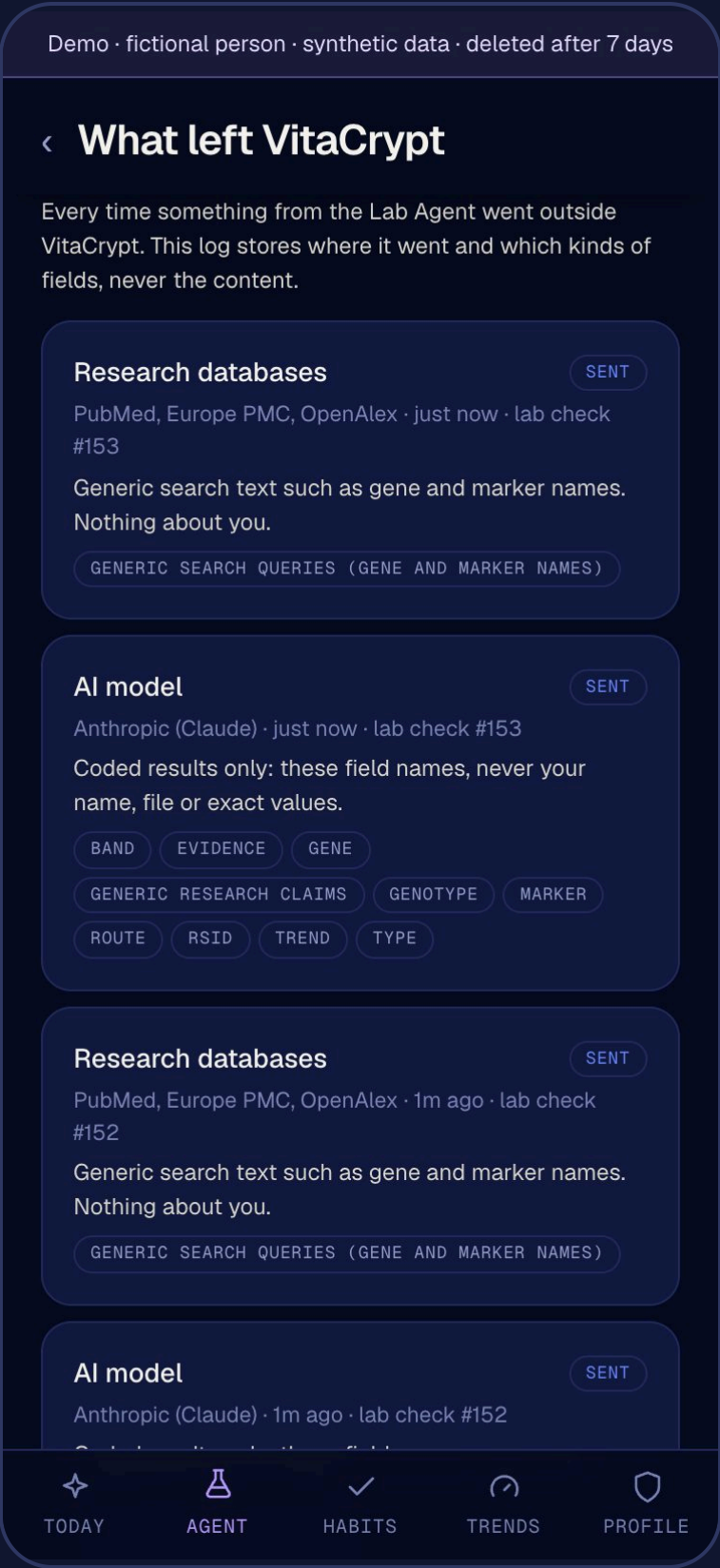
OpenStreetMap search by city, nothing about your health



Leakage is minimized by design, and logged

- **Coded minimum to the model:** marker band, trend, gene code. Never name, email, file or exact values
- **Search queries** carry gene and marker names only
- **Logs carry no content:** step, time, status
- **Encrypted at rest** with a per-user key held by our server; we do not claim more
- **Delete destroys the key** (crypto-shred)
- **File text never triggers tools;** the tool set is fixed in code
- **What left VitaCrypt:** every destination and field type, never the content

Demo: fictional person, private copy deleted after 7 days, uploads off, outbound simulated.



Others see one source. VitaCrypt reads the whole person, and follows up.

What matters	Typical health AI today	VitaCrypt
Whole person	One source at a time	DNA, labs, wearables, microbiome, check-ins, air together
Personal	Rarely combines genotype with environment	Your genotype × your local air and climate
Evidence	Answers without a label per claim	Each item Cited (PMIDs) or Hypothesis; no invented PMIDs
Follow-up	Explains a report when asked	An agent that checks its own plan at the next lab
Action	Read only, or inside one clinic network	Reminders, clinician link, lab order, each after a tap
Safety	Varies by product	No diagnoses, no personal doses; clinician questions
Privacy	Full records shared with the assistant	Coded fields only; every outbound logged
Incentive	Some sell supplements or own services	No supplement sales, no affiliate fees

Cheap to run, priced on follow-up

~\$0.02

per agent run, measured (2 model calls)

\$0.02-0.06

model cost per active user per month,
estimate

\$30-60

per month infrastructure today, one
server

- **Subscription** for individuals; price tested in the founder and closed beta
- **Pay per call** for other AI agents via MCP + x402 (roadmap)
- **Partner labs and clinics** receive orders and sheets the user approves

From live demo to real labs

Next	What
Founder beta	Paul’s own labs: local lab formats, units, manual correction before a run
Production privacy	Zero-retention model terms, keys held by the user
Bring your own agent	Lab Agent as an MCP server; x402 pay per call
UAE	Partner integration with labs and clinics, roadmap, after legal review

Team

Paul Burg, solo founder. Designed and built VitaCrypt alone: platform, Lab Agent, live demo. Environmental science: M.Sc., PhD coursework (ABD) in Sustainable Development. Founder of his own ventures since 2011.

Ask

Technical mentorship, UAE lab and clinic partners, a hard review of our safety claims.

Try it

app.vitacrypt.xyz/demo

Guided tour, about 5 minutes, no sign-up