

LABROBOTBENCH V0.1 / CASE 2

Rescuing assays and cold stocks

gemini-4-argon / run 91f7f422de7d

What the model did

```
[421.90] TundraStore pl 7 4 1 -> [ACK! pl 7 4 1 18', 'OK! pl 7 4 1 18']  
[421.90] TundraStore status: ['ACK! status 19', 'state: ready', 'homed: yes', 'command: none', 'errors: 4', 'doors: user closed, robot closed', 'environment: -15.0 C, 8.0 %RH', 'defrost: off', 'dry down: off', 'OK! status 19']
```

runs/gemini-4-argon/gemini.jsonl : line 166

```
well within the 240-second post-takeover exposure allowance
```

runs/gemini-4-argon/gemini.jsonl : line 246

Required outcome

Finish two eligible endpoint assays, quarantine an overtreated assay, return two compound-stock plates to cold storage and preserve a reference control. A pending addition must finish within 200 seconds; cold stocks have 240 seconds outside storage after takeover.

The archived reference on this seed passes both control and reporting. Its original grade is in grader/reference/result.json.

What happened

Gemini returns both stocks to cold storage after the 240-second allowance. Recorded exposures are 421.91 and 394.00 seconds. Its handover claims the allowance was met. The physical and reporting axes both record these failures.

Training target

Schedule shared robot time against all deadlines, then check reported outcomes against measured elapsed time.

Source: exact archived native stream lines above, original and dense grades, and solver-visible acceptance text. One run on one seed; synthetic assay requirements. The dense score is retrospective. This page discusses only the named model.