

The Whole Picture

The Impact of Waste on the Delivery of Care

The word waste is often associated with trash and byproducts. Transportation, treatment, and disposal of solid, liquid, and hazardous waste all impact health budgets and your ability to provide care. But waste encompasses more than just disposed material and if mismanaged, can have lasting effects on your organization, your community, and your environment.



First, Do No Harm

Hazardous liquid waste is not just a burden for your health system to store, treat, and dispose of; it represents a health threat to your staff and the community you serve.

Hologic's Panther® System uses ordinary household bleach to denature reagents. Unlike guanidinium thiocyanate used by competitors, bleach is **non-hazardous**, and **liquid waste can be plumbed into the drain**, reducing the risk of harm and disposal costs.



Bleach*

- Hologic reaction inactivation method
- Non-hazardous, universally employed disinfectant
- Can be plumbed directly to common drains



Guanidinium thiocyanate (GTC)*

- Standard competitor method for cell lysis
- Toxic reagent; requires hazardous waste management
- Burdensome disposal in remote, resource-limited settings including community-based operations

A Solid Strategy

Solid waste is a concern for any health system. While storage, transportation, landfill space, and incinerator operations all require additional financing, replacing discarded unused material also adds to budgets.

HOLOGIC®

COMPETITORS

Small **5-tube multiple tube units (MTUs)** permit test runs of any size.*



Large 24- or 96-well plate formats can waste material or delay testing until batch numbers are reached.*

A **single tip type** for all applications simplifies logistics and minimizes waste.*



Multiple tip types may be used, and unused tips are sometimes discarded at the end of a run.*

Bulk packaging reduces waste.*

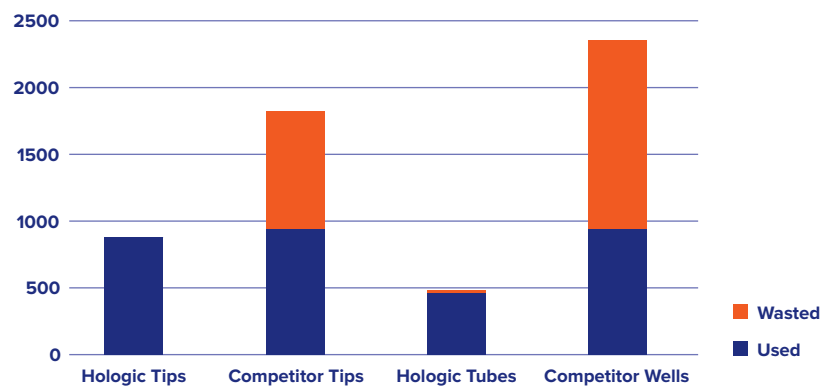


Plates may be individually wrapped in plastic.*

Waste Not, Want Not

Waste from unused material not only affects your disposal management but drains the resources you have to provide care. Leveraging random-access workflows and run sizes that adapt to demand lets you use more of the material you procure to provide care.

Difference in Waste Generated During Four Common Use Cases¹



Time: A Resource to Conserve

For critical care decisions, time is of the essence. Laboratorians' and clinicians' time is too valuable to be wasted on repetitive manual tasks or cumbersome administrative tasks.

Advantage of the Panther System

- **Random access** facilitates STAT samples.
- **Flexible run sizes** and **fast automation** deliver rapid results.
- **High throughput** with the **smallest footprint** on the market.
- **All-inclusive pricing** saves overhead costs and simplifies budgets.

* Data on File

Reference: 1. A workflow study comparing the Hologic Panther® system to Roche cobas® 6800 system. Hologic-sponsored study MISC-05675-001 Rev. 001. Hologic, Inc.; 2019.

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