



Mid-size, Risk free, Sample Management Solution



15.85 cubic feet of storage space per unit

Product No.: GV1.2CAB

KEY FEATURES & BENEFITS

Room-temperature storage equivalent to *twelve* -80C freezers

- Room temperature storage cabinet for GenPlates
- Can hold up to 1200 GenPlates of any configuration
- Three separate drawers; each drawer holds 400 GenPlates
- Biosample aliquot capacity of about 460,000 aliquots, equivalent to *twelve* ultra-low freezers
- Optional active de-humidifier / air compressor for active humidity control available

Compact & Secure

- Small footprint of 33" (h) x 41.5" (w) x 30" (d)
- 41" in depth with drawers fully open
- 300 pounds or 137 kg without GenPlates
- Fits on top of any lab bench; optional stand available
- Three drawers, each with a separate lock & key
- Tight seal to keep out light for light-sensitive samples
- Samples cannot be lost in a freezer malfunction that causes samples to thaw

Scalable

- 2D barcode for each GenPlate location
- Multiple systems can be integrated via GenConnect software to create a field-archive at numerous locations

Completely organized biosamples

- Specific grid set-up provides global organization for all biosamples
- Samples can be tracked and organized with GenConnect software (sold separately)

Cost-effective & sustainable

- Virtually no maintenance costs compared to freezers
- Minimal capital cost compared to twelve -80C freezers
- Energy consumption savings of 6,570 kWh per year
- Annual energy cost savings of \$12,724 in comparison to twelve -80C freezers
- Energy savings is equivalent to 649,828 pounds of carbon dioxide reduction over five years *or* removal of about 89 cars from the road for one year!

Application & integration of a Personal Archive into your workflow

The Personal Archive is the mid-size system in the series of room-temperature biosample archiving systems available from GenVault. The Personal Archive system is suited for organizations that collect a relatively large number of samples for their own personal research efforts.

Aliquot Equivalence for PA at Capacity of 1200 GenPlates

GenPlate Configuration	No. Aliquots Per Region	Capacity of Unique Biosamples	Total Aliquot* Capacity
1 Region	384	1200	460,800
3 Region	96	3600	345,600
6 Region	40	7200	288,000
12 Region	16	14,400	230,400
24 Region	4	28,800	115,200

*One aliquot = 1 GenPlate element = 10µl of original biosample

Current Personal Archive customers include:

- academic research laboratories
- biobanks
- hospitals
- R&D labs within pharmaceutical and biotech companies

The Personal Archive streamlines hardware capital costs for biosample storage and conserves space & energy

