

High Throughput Bacterial Growth Plate

Whatman developed the High Throughput Growth Plate (Fig 1.) to simplify the high throughput of 96 individual 1.5 ml bacterial cultures. It is used for both overnight cultivation and the initial "spin down" of cells. Made of medical grade polypropylene with a clear polystyrene lid, this gamma irradiated plate eliminates the need to grow multiple, discrete cultures and optimizes space and efficiency in the incubator.

Whatman has demonstrated that culture integrity is not affected by the close proximity of neighboring cultures and that each culture grows to the same density as it would in individual culture tubes (at 325 rpm and 37°C for 16 h).



Fig 1. Whatman Bacterial Growth Plate

Features and benefits

- Consistent cell densities across all 96 wells
- Eliminates cross-contamination between wells
- Growth comparable to individual test tubes
- Ability to automate allows for increased productivity

Full protocol available at www.whatman.com

Ordering information

Description	Quantity	Catalog number
2 ml 96 well Growth Plate, irradiated, lidded, individually bagged	25 per case	7701-5205
800 µl Lysate Clarification Plate	25 per case	7720-2830
800 µl Plasmid DNA Binding Plate	25 per case	7700-2810
2 ml Collection Plate	25 per case	7701-5200
750 µl Harvest Plate	25 per case	7701-5750
250 µl Recovery Collection Plate	50 per case	7701-5250
Univac 3 Vacuum/Collect Manifold	1 per box	7705-0102

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