

Bioproduction

Now including CD OptiCHO™ AGT™ media

## Boost operational productivity with AGT™ media

### Advanced Granulation Technology™ cell culture

- Complete complex formulations in a dry format
- Reduce total cycle costs and save time
- Easily scale up from research through production

Advanced Granulation Technology™ (AGT™) media, a well-established and scalable dry media format, ensures high consistency and productivity across all stages of production, from development to commercial manufacturing. It is an easy-to-use, granular dry media that is produced by applying fluid bed granulation technology to cell culture nutrient media manufacturing. AGT™ media offer the benefits of liquid media without the cost, storage, and transportation issues.

### Complete formulations

AGT™ media are available as complete complex formulations—including serum-free, protein-free, and chemically defined nutrient media—in a dry format that ensures homogeneous distribution of minute components. The media require only standard supplementation with L-glutamine for glutamine-dependent systems, and are pre-adjusted to the appropriate pH and osmolality. Several GIBCO® catalog media are available off the shelf in AGT™ format, and we can produce custom modifications of catalog products or your own proprietary formulation.

### Workflow improvements

AGT™ media will help you save time and resources throughout your entire workflow. With AGT™ complete media formulations, you will be able to reduce the number of components you order, stock, and use, saving time in raw material planning, procurement, and testing, and reducing your total cycle costs. Media preparation is also faster and easier with AGT™ dust-free granules than with traditional powder media, with less potential for error and reduced mess and environmental contamination.



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### Scale up with confidence

AGT™ media provide an opportunity for greater consistency in media performance; you can use the same media format from R&D to large-scale commercial manufacturing. Available products range from small quantities (~20 grams) in plastic containers to rehydrated AGT™ in media bags to large-volume requirements (~125 kg) in plastic drums.

### New additions—CD OptiCHO™ formulation in AGT™ format

AGT™ catalog products now include the highly successful CD OptiCHO™ formulation in an AGT™ format.

CD OptiCHO™ AGT™ Medium is designed to offer high performance and yield with recombinant CHO cells in a chemically defined environment. The protein-free, animal origin-free formulation

provides consistency and reliability and reduces the need to screen for adventitious agents. The highly successful formulation is available in an easy-to-use granular format. The Advanced Granulation Technology™ format:

- Supports and maximizes recombinant CHO cell growth and protein expression in suspension culture
- Provides up to 40% greater growth and production than existing media for selected cell lines and applications
- Is truly chemically defined and protein-free; it contains no hydrolysates, improving lot-to-lot consistency and reliability
- Contains no animal-origin components, minimizing opportunities for adventitious agent introduction and facilitating the regulatory process

Visit [www.invitrogen.com/agt](http://www.invitrogen.com/agt) for more information about enhancing your operational productivity with AGT™ media.

### Ordering information

Product	Quantity	Cat. No.
CD CHO AGT™ Medium	1 x 1 L	12490-017
CD CHO AGT™ Medium	1 x 10 L	12490-025
CD CHO AGT™ Medium	1 x 100 L	12490-001
CD CHO AGT™ Medium	1 x 10 kg	12490-003
CD Hybridoma AGT™ Medium	1 x 1 L	12372-025
CD Hybridoma AGT™ Medium	1 x 10 L	12372-017
CD Hybridoma AGT™ Medium	1 x 100 L	12372-001
CD Hybridoma AGT™ Medium	1 x 10 kg	12372-003
VP-SFM AGT™ Medium	1 x 1 L	12559-027
VP-SFM AGT™ Medium	1 x 10 L	12559-019
VP-SFM AGT™ Medium	1 x 100 L	12559-001
VP-SFM AGT™ Medium *	1 x 10 kg	12559-003
CD 293 AGT™ Medium	1 x 1 L	12529-020
CD 293 AGT™ Medium	1 x 10 L	12529-012
CD 293 AGT™ Medium *	1 x 100 L	12529-001
CD 293 AGT™ Medium *	1 x 10 kg	12529-003
CD OptiCHO™ AGT™ Medium	1 x 1 L	A1122204
CD OptiCHO™ AGT™ Medium	1 x 10 L	A1122205
CD OptiCHO™ AGT™ Medium	1 x 100 L	A1122201

\* Made to order only; for details or to order go to [www.invitrogen.com/agt](http://www.invitrogen.com/agt).

GIBCO® supplies media, sera, and reagent technology that set the standard for reliability and productivity in cell culture systems.



[www.invitrogen.com](http://www.invitrogen.com)

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