

Medium optimization and development

Delivering results in predictable time frames

As pioneers in customizable media solutions, we have the capability to define the unique drivers in your cell culture to allow for consistency in your biopharmaceutical development process. Combining this experience with our proven methodology and analytical capabilities, our media services provide a variety of solutions to meet your timeline and budget needs.

Timelines and project milestones

Media enrichment

Gibco™ media enrichment services are ideal to improve or replace an existing medium. From a quick supplement screen to a media library panel screen to development of an intensive feed strategy, we can enhance your medium to help you achieve your desired yield and performance.

**Project scoping/
technical transfer**

Month 1

Baseline study

- Project initiation meeting
- Confirmation of transfer of documentation and materials
 - Review project scope and work plan

1

Full medium design

With our full medium design services, we will work with you to understand the critical requirements and nutrient needs of your cell line to develop a specifically tailored medium from scratch.

**Project scoping/
technical transfer**

Month 1

Baseline study

- Project initiation meeting
- Confirmation of transfer of documentation and materials
 - Review project scope and work plan

1

Full medium and feed design

For customers working in fed-batch production systems, we will develop a base medium as described above, along with a feed medium and strategy. Many customers find this service invaluable when moving into full production.

**Project scoping/
technical transfer**

Month 1

Baseline study

- Project initiation meeting
- Confirmation of transfer of documentation and materials
 - Review project scope and work plan

1

Month 2–4

Optimization studies

Baseline study data review meeting

- Review data from baseline study to confirm technical transfer
- Go/no-go decision

2

Project completion meeting

- Review data from project
- Review project conclusions and recommendations
- Provide summary report

3

Month 2–6

Optimization studies

Baseline study data review meeting

- Review data from baseline study to confirm technical transfer
- Go/no-go decision

2

Interim data review meeting

- Review data from media screen
- Decide on medium to proceed to base optimization

3

Project completion meeting

- Review data from project
- Review project conclusions and recommendations
- Provide summary report

4

Month 2–9

Optimization studies

Baseline study data review meeting

- Review data from baseline study to confirm technical transfer
- Go/no-go decision

2

Interim data review meeting

- Review data from media screen
- Decide on medium to proceed to base optimization

3

Interim data review meeting

- Review data from base media enhancement
- Select base medium for feed development

4

Project completion meeting

- Review data from project
- Review project conclusions and recommendations
- Provide summary report

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