



## AdaptPD CHO-MK Medium A

Catalog #	Product	Format	Available Package Sizes*
982063	AdaptPD CHO-MK Medium A	Powder	10 L

\*Additional package sizes are available upon request

### Intended Use

For further manufacturing use only. Product is not intended for direct human administration or diagnostic procedures.

### Product Description

AdaptPD CHO-MK Medium A is a chemically defined growth medium designed specifically for the growth and productivity of CHO-MK\*\* cell lines. AdaptPD CHO-MK Medium A is provided without L-Glutamine to extend shelf life. The recommended L-glutamine concentration to add is 4 mM.

### Shipping

Product is shipped at ambient conditions. Upon receipt, store immediately at 2-8 °C.

### Quality Assurance

All quality control test results are reported on a lot specific Certificate of Analysis, which is available at <https://fujifilmbiosciences.fujifilm.com/> or upon request.

### Storage Instructions and Stability

#### POWDER MEDIUM

Store at 2-8 °C protected from atmospheric moisture and protected from light. Do not use after the assigned expiration date.

\*\*Reference: Masuda et. al, 2024. Establishment of a novel cell line, CHO-MK, derived from Chinese hamster ovary tissues for biologics manufacturing. Journal of Bioscience and Bioengineering, Vol 137, Issue 6, pages 471-479. <https://doi.org/10.1016/j.jbiosc.2024.02.005>.

## Directions for Use

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### Hydration from Powder Medium

1. Add 950 mL/L WFI (Catalog #9309) or cell culture grade water to appropriate size mixing vessel.
2. Add 32.19 g/L AdaptPD CHO-MK Medium A (Catalog #982063) powder.
3. Mix moderately until no lumps remain (approximately 30 minutes). Note: the powder will not be dissolved completely at this point.
4. Add 2.2 g/L sodium bicarbonate.
5. Mix moderately until dissolved (approximately 15 minutes). Note: minimize mixing to avoid CO<sub>2</sub> degassing.
6. Adjust pH to 7.2-7.3 with NaOH.
7. Fill up to 1 L by adding WFI (Catalog #9309) or cell culture grade water.
8. Filter sterilize the medium using a 0.1-0.22 µm filter system into appropriate containers.
9. Store liquid media at 2-8 °C and minimize exposure to light.

### Medium Supplementation

Aseptically add 4 mM of L-glutamine (20 mL/L of a 200 mM L-glutamine solution, Catalog # 9317) or appropriate amount of L-glutamine prior to use.

## Related Products

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Catalog #	Product	Available Package Sizes*
981811	AdaptPD CHO-MK Feed 1	1 L
9317	L-Glutamine Solution (200 mM)	100 mL, 500 mL
9309	Water for Injection (WFI)	1L, 20L, 200 L

\* Additional package sizes are available upon request

## Technical Support

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### CONTACT US

For more information or assistance, contact Customer Service at:

- Email: [fisitmrequest@fujifilm.com](mailto:fisitmrequest@fujifilm.com)
- Direct line: US +1 800 577 6097  
EU +31 13 5791911

### WEBSITE RESOURCES

Visit the website at <https://fujifilmbiosciences.fujifilm.com/> for technical resources and information including:

- Safety Data Sheets (SDS)
- COAs (when available)
- FAQs (when available)
- Product literature
- Complete list of offices and contact information by country

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