

ProDoma™ Serum-free Hybridoma Media

Instructions for use

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I. Introduction

ProDoma™ 3 Serum-free Hybridoma Medium is a non-animal origin media developed for cultivation of murine, human, and chimeric hybridomas. ProDoma™ 3 Medium is protein-free with a low amount of human recombinant insulin and is convenient from small scale to high scale use, from flasks to reactors.

ProDoma™ 3 Medium contains HEPES and NaHCO₃ as the buffering system. It has Pluronic® acid at a concentration of 0.1%. Osmolality is approximately 320 mOsm/kg.

For answers to frequently asked questions and citations regarding these products, please visit our knowledge center: <https://knowledge.lonza.com>

II. Instructions for use

ProDoma™ 3 Serum-free Hybridoma Medium needs to be supplemented with L-glutamine. Adjustment of the pH is not necessary.

NOTE: Weaning the cells to a serum-free media might be necessary, depending on the cell type. Weaning protocols are available online at <https://bioscience.lonza.com>.

The recommended seeding density for hybridoma cell types is between 50,000 and 100,000 cells per mL. Cultures should be maintained at 37°C. Due to the presence of HEPES in the media, CO₂ is not required, however, a 5% CO₂ atmosphere may be used.

III. Storage

ProDoma™ 3 Serum-free Hybridoma Medium should be stored at 2 - 8°C in the dark. Open bottles should be used rapidly.

IV. Ordering information

Catalog number	Description	Size
BEBP12-730P10	ProDoma™ 3 Medium w/o L-glutamine or Phenol Red	1 L

Related products (sold separately)

Catalog number	Description	Size
17-605E*	L-glutamine 200mM	100 mL
BE17-605E*		
BEBP17-605E		
BE17-605E/U1*	UltraGlutamine™ I 200mM	100 mL
BP12-727F	UltraDoma™ PF	500 mL
BP77201	HL-1™ Complete Serum-free Medium	2 x 500 mL
BP12-769E	ProFreeze™ (2X) Freeze Medium	100 mL

Product use statements

GMP PRODUCTS ARE INTENDED FOR RESEARCH OR FOR FURTHER MANUFACTURING USE ONLY. This product is not intended for direct therapeutic use in humans.

***THESE PRODUCTS ARE FOR RESEARCH USE ONLY.** Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

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Pluronic® acid is a registered trademark of BASF Corporation.