

## BioWhittaker<sup>®</sup> ProDoma<sup>™</sup> Serum-free Hybridoma Media

### Introduction

ProDoma<sup>™</sup> 1 and 3 Serum-free Hybridoma Media are non-animal origin media developed for cultivation of murine, human, and chimeric hybridomas. ProDoma<sup>™</sup> media are protein-free with a low amount of human recombinant insulin and are convenient from small scale to high scale use, from flasks to reactors.

ProDoma<sup>™</sup> 1 is a chemically defined medium that contains HEPES and NaHCO<sub>3</sub> as the buffering system. It has Pluronic<sup>®</sup> acid (poloxamer) at a concentration of 0.1% to protect cells from shear stress in a bioreactor. It does not contain glutamine or phenol red. Osmolality is approximately 260 mOsm/kg.

ProDoma<sup>™</sup> 3 is a formulation that contains HEPES and NaHCO<sub>3</sub> as the buffering system. It has Pluronic<sup>®</sup> acid at a concentration of 0.1%. Osmolality is approximately 320 mOsm/kg.

ProDoma<sup>™</sup> Media are available in liquid form. On request, they can be provided in powder form with supplements.

### Instructions for Use

ProDoma<sup>™</sup> 1 and 3 Serum-free Hybridoma Media need to be supplemented with L-glutamine. Adjustment of the pH is not necessary. Weaning the cells to a serum-free media might be necessary, depending on the cell type. Weaning protocols are available online at [www.lonza.com](http://www.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, CO<sub>2</sub> is not required, however, a 5% CO<sub>2</sub> atmosphere may be used.

### Storage

ProDoma<sup>™</sup> 1 and 3 Serum-free Hybridoma Media should be stored at 2°C-8°C in the dark. Open bottles should be used rapidly.

### Ordering Information

Catalog Number	Description	Size
BE02-029Q	ProDoma <sup>™</sup> 1 w/o L-glutamine or Phenol Red	1 L
BE02-032Q	ProDoma <sup>™</sup> 3 w/o L-glutamine or Phenol Red	1 L

### Related Products

Catalog Number	Description	Size
17-605E	L-glutamine 200mM	100 ml
17-605E/U1	UltraGlutamine <sup>™</sup> I 200mM	100 ml
04-684E	UltraGlutamine <sup>™</sup> II 200mM	100 ml
12-723F	UltraDoma <sup>™</sup>	500 ml
12-727F	UltraDoma <sup>™</sup> PF	500 ml
77201	HL-1 <sup>™</sup> Complete Serum-free Medium	2 x 500 ml
12-769E	ProFreeze <sup>™</sup> NAO 2x	100 ml

### Product Use Statement

**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<sup>®</sup> acid is a registered trademark of BASF Corporation.