

ExCell Bio

OptiVibro[®] 293 Serum-free Feed Medium HA03

For Research and Manufacturing Use

Not Intended for Diagnostic and Therapeutic Use

User Manual

Catalog Number	HA000-N031
	HA000-N032
	HA000-N041
	HA000-N042



PRODUCT DESCRIPTION

OptiViro® 293 Serum-free Feed Medium HA03 is a chemically-defined feed medium that does not contain any animal-derived components. It can significantly boost virus titer.

SPECIFICATION, STORAGE AND TRANSPORTATION

REQUIREMENT

Product Name	Cat. #	Specification	Storage	Transportation	Shelf Life
OptiViro® 293 Serum-free Feed Medium HA03	HA000-N031	100 mL Liquid	2-8°C Protect From Light.	< 10°C Protect From Light.	12 months
	HA000-N032	1000 mL Liquid			
OptiViro® 293 Serum-free Feed Medium HA03 (Powder)	HA000-N041	1 L Powder	2-8°C Dark and dry.	<10°C Protect From Light.	24 months
	HA000-N042	10 L Powder			

HANDLING RECOMMENDATIONS

1. Please make sure to store the cell culture medium in a light-protected environment, avoid fluorescent lamps or other lamplight exposure, and better to use colored packaging bags in the refrigerator or warehouse.
2. During the transportation of the product, it should be kept away from light. This is to prevent the product from being affected by the irradiation of fluorescent lamps or other light sources, which may lead to discoloration.
3. During the transportation of the product to the clean area, it is essential to carry out a cleaning process. The cleaning method may involve disinfectant wiping, and not utilize UV irradiation.

Note: When passing through transfer windows equipped with UV lamp, remember to proactively turn off the UV lamp inside the transfer window.

INSTRUCTION FOR USE

Medium preparation

Instructions for preparing 1L of OptiViro® Serum-free Feed Medium HA03 with the powder:

1. Measure 60% of the final required volume of WFI or cell culture grade water in a clean vessel.

2. Slowly add 178.51 g of OptiVibro® Serum-free Feed Medium HA03 (powder) while stirring continuously. Mix for about 60 minutes.
3. Adjust the pH to 8.5-8.8 with around 50-55 mL 5 mol/L NaOH solution. Mix for 60 minutes.
4. Add water to reach a final volume of 1L and continue stir for an additional 5 minutes.
5. Measure and record the final pH and osmolality. The pH should be 7.00 to 8.90, osmolality should be 340 to 400 mOsm/kg after diluting 1 mL medium with 4 mL water.
6. Sterilize by 0.22 µm PES membrane filtration, store the medium at 2-8°C, protect from light.

Related Products

Product Name	Cat. #	Specification
OptiVibro® 293 Serum-free Medium VirTrans HE03	HE000-N071	500 mL Liquid
	HE000-N072	1000 mL Liquid
OptiVibro® 293 Serum-free Medium VirTrans HE03 (Powder)	HE000-N081	1 L Powder
	HE000-N082	10 L Powder
	HE000-N083	100 L Powder

| DISCLAIMER

1. Use the product according to the manual instructions. Deviations from these instructions are at the user's risk, and our company will not be responsible for any resulting product performance deviations.
2. This product is for scientific research and commercial production only and is not intended for clinical diagnosis or treatment. Users assume all risks for unauthorized use, and our company shall not be responsible for any consequences.