

Datasheet

Ham's F12 Medium**Powder**

Product	Description	Catalogue-No.	Size
Ham's F12	Nutrient mixture Ham's F12	P03-4101	1 L
		P03-4110	10 L
		P03-4150	50 L

Product description

Ham's F12 was developed for the serum-free clonal growth of Chinese Hamster Ovary (CHO) cells, lung cells and mouse L-cells. It can be used for serum free growth of CHO cultures supplemented with hormones, selenium and other supplements as well as for other mammalian cells especially cell lines of rodent origin (particularly rabbit and rat).

Storage conditions

Storage: 2-8°C, in dry place, protected from light
Stability: 2 years from date of production

Composition

Detailed composition upon request.

Instructions for use

Preparation of Liquid media

- Completely dissolve 10.70 g powder in 800 ml deionized water under constant stirring
- Add 1.176 g NaHCO₃ and stir until it is completely dissolved. Avoid extensive mixing because this promotes loss of NaHCO₃ due to release of CO₂.
- Check the pH and, when necessary, adjust it by slowly adding 1 N HCl or 1 N NaOH under stirring to about 0.2 units below the desired value. The pH value may rise about 0.1 to 0.3 units because of CO₂ release during filtration.
- Add deionized water to adjust the volume to 1000 ml and filtrate the liquid medium into sterile containers using a 0.22 µm filter.
- The prepared medium should be stored at 2 - 8 °C and protected from light.

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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