PRODUCT SPECIFICATION

STATENS SERUM INSTITUT

CMA 003 HybER–Zero Hybridoma Enhancing Reagent, serum free

Culture Medium Additive
Lyophilized

Article No.	71800	
Product Name	CMA 003 HybER-Zero Hybridoma Enhancing Reagent, serum free	
Presentation	Appearance:	Clear light yellow or orange solution.
	Content:	2.5 mL, lyophilized
Storage	Lyophilized:	at room temperature
	Solution:	at -18°C or colder for long-term storage at 2-8°C when in use
Expiry	Lyophilized:	Exp.date
	Solvent:	Exp.date at -18°C or colder 3 months after reconstitution at 2-8°C
Sterility	Sterility:	Non-sterile
	Packaging:	Lyophilized and sealed under aseptic conditions
	Mycoplasma:	Negative in PCR screening
	Endotoxin:	Negative in LAL-test

Description

HybER-Zero stimulates growth of mouse hybridomas immediately after fusion and during cloning procedures (1,2). HybER-Zero has been especially formulated for serumfree hybridoma development.

Protocol of use

To prepare HybER-Zero for laboratory use:

1) Reconstitute with 2.5 mL water for injection (WFI) or culture medium directly into the vial with lyophilized HybER-Zero.
2) Solubilise all material by pipetting gently up and down.
3) Filtrate the reconstituted HybER-Zero through a 0.22 µm sterile filter.

HybER-Zero is now ready for use and suitable amounts can be added as needed to the standard growth medium during fusions and clonings.

Dilution Guide

We recommend using HybER-Zero at a dilution of 0.5% (v/v) in growth medium immediately after fusion, at the first medium change after fusion, and during subsequent cloning steps. At our recommended dilution, one vial of HybER-Zero (2.5 mL) is sufficient to supply 500 mL of growth medium.

Application

Method	Usability	Dilution guide
Fusion	yes	0,5% (v/v)
Cloning	yes	0.5% (v/v)
Production	nd.	nd.

References

1) **Trier NH, Mortensen A, Schiolborg A, Friis T.** Production and Screening of Monoclonal Peptide Antibodies. Methods Mol Biol. 2015;1348:109-26.
2) **Schwelberger HG, Feurle J, Houen G.** New tools for studying old questions: antibodies for human diamine oxidase. J Neural Transm. 2013;120:1019-1026.

Conditions

For research use only. Not for use in diagnostic procedures. Not for therapeutic use or applications.

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Version 4 • October 2021