

# PRODUCT SPECIFICATION

STATENS  
SERUM  
INSTITUT



## CMA 003 HybER™-Zero Hybridoma Enhancing Reagent, serum free

*Culture Medium Additive  
Lyophilized*

<b>Article No.</b>	71800													
<b>Product Name</b>	CMA 003 HybER™-Zero Hybridoma Enhancing Reagent, serum free													
<b>Presentation</b>	<b>Appearance:</b>	Clear light yellow or orange solution.												
	<b>Content:</b>	5 mL, lyophilized												
<b>Storage</b>	<b>Lyophilized:</b>	at room temperature												
	<b>Solution:</b>	at -18°C or colder for long-term storage at 2-8°C when in use												
<b>Expiry</b>	<b>Lyophilized:</b>	Exp.date												
	<b>Solvent:</b>	Exp.date at -18°C or colder 3 months after reconstitution at 2-8°C												
<b>Sterility</b>	<b>Sterility:</b>	Non-sterile												
	<b>Packaging:</b>	Lyophilized and sealed under aseptic conditions												
	<b>Mycoplasma:</b>	Negative in PCR screening												
	<b>Endotoxin:</b>	Negative in LAL-test												
<b>Description</b>	HybER™-Zero stimulates growth of mouse hybridomas immediately after fusion and during cloning procedures (1). HybER™-Zero has been especially formulated for serum-free hybridoma development.													
<b>Protocol of use</b>	To prepare HybER™-Zero for laboratory use: 1) Reconstitute with MilliQ-water (or 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 serum-free growth medium during fusions and clonings.													
<b>Dilution Guide</b>	We recommend using HybER™-Zero at a dilution of 1% (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 (5 mL) is sufficient to supply 500 mL of growth medium.													
<b>Application</b>	<table border="1"><thead><tr><th>Method</th><th>Usability</th><th>Dilution guide</th></tr></thead><tbody><tr><td>Fusion</td><td>yes</td><td>1.0% (v/v)</td></tr><tr><td>Cloning</td><td>yes</td><td>1.0% (v/v)</td></tr><tr><td>Production</td><td>nd.</td><td>nd.</td></tr></tbody></table>	Method	Usability	Dilution guide	Fusion	yes	1.0% (v/v)	Cloning	yes	1.0% (v/v)	Production	nd.	nd.	
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<b>References</b>	Trier NH, Mortensen A, Schiølborg A, Friis T. Production and Screening of Monoclonal Peptide Antibodies. <i>Methods Mol Biol.</i> 2015;1348:109-26.													

### Conditions

For research use only. Not for use in diagnostic procedures.

The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The animals from which this product was derived have not been exposed to or inoculated with any livestock or poultry disease agents exotic to the United States or Western Europe, and did not originate from facilities where work with exotic disease agents affecting livestock or avian species is carried out.

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