

# PRODUCT SPECIFICATION

STATENS  
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## 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> 2.5 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 (1,2). HybER-Zero has been especially formulated for serumfree hybridoma development.												
<b>Protocol of use</b>	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.												
<b>Dilution Guide</b>	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.												
<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>0,5% (v/v)</td></tr><tr><td>Cloning</td><td>yes</td><td>0.5% (v/v)</td></tr><tr><td>Production</td><td>nd.</td><td>nd.</td></tr></tbody></table>	Method	Usability	Dilution guide	Fusion	yes	0,5% (v/v)	Cloning	yes	0.5% (v/v)	Production	nd.	nd.
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<b>References</b>	1) <b>Trier NH, Mortensen A, Schiølborg A, Friis T.</b> Production and Screening of Monoclonal Peptide Antibodies. <i>Methods Mol Biol.</i> 2015;1348:109-26. 2) <b>Schweiberger HG, Feurle J, Houen G.</b> New tools for studying old questions: antibodies for human diamine oxidase. <i>J Neural Transm.</i> 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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