Cell culture platform, hybridoma and myeloma, Thermo Scientific HyClone®

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The application of serum-free media in the production of monoclonal antibodies (MAbs) from hybridoma and recombinant myeloma cell lines for research, therapeutic and diagnostic purposes is rapidly growing.

Since each hybridoma or recombinant myeloma cell line is unique, it is necessary that the serum-free medium of choice offer nutrients for a variety of applications. This becomes more critical when dealing with cell lines having specific nutrient needs (e.g., the cholesterol auxotrophic cell line, NS0).

CDM4NS0™
A chemically defined medium containing no animal derived components. This regulatory-friendly medium is developed through the Metabolic Pathway Design™ approach to increase process yields in the manufacture of MAbs using a variety of NS0 cell clones. CDM4NS0™ requires no cholesterol supplementation, with sufficient amounts already in the formulation. It has been successfully tested in a variety of culture systems, including T-flasks, shaker flasks and bioreactors.

CDM4MAb™
A chemically defined medium containing no animal derived components. This regulatory-friendly medium increases process yields for the manufacture of monoclonal antibodies for therapeutic use in a variety of engineered hybridoma and recombinant myeloma cell lines. Contains Pluronic® F68 and does not contain phenol red. It is available with or without L-glutamine.

SFM4MAb™
Designed to increase the process yields for the manufacture of MAbs in a variety of engineered hybridoma and myeloma cell lines. It is a low protein formulation and is optimised for downstream purification using Protein A, Protein G and other matrices to facilitate product recovery.

SFM4MAb™-Utility
A versatile serum-free cell culture medium, developed through the Metabolic Pathway Design™ approach to support the growth of multiple hybridoma cell types and production of a variety of immunoglobulins. It enables superior growth of many hybridomas and recombinant myelomas with minimal adaptation.

ADCF-MAb™
A protein free medium containing no animal derived components. This regaulatory-friendly medium is developed through the Metabolic Pathway Design™ approach to increase the process yields for the manufacture of MAbs for therapeutic use in a variety of engineered hybridoma and recombinant myeloma cell lines.

LS1000™
A chemically defined, ADCF™ cholesterol supplement specifically designed to be added as a fed-batch supplement or to sterile liquid media at the time of use. This 1,000x concentrated supplement has been formulated using proprietary complexing process for enhanced cholesterol delivery.

LS250™
A chemically defined, ADCF™ lipid supplement specifically developed through Metabolic Pathway Design™ to stimulate cell growth and monoclonal antibody (MAb) production in cholesterol auxotrophic NS0 cell lines. This 250x concentrated lipid supplement has been formulated using a proprietary lipid complexing process for enhanced stability and filterability.

Minimum order quantities apply to 20L size, please contact Customer Service for information (contact details may be found on the inside front cover).