

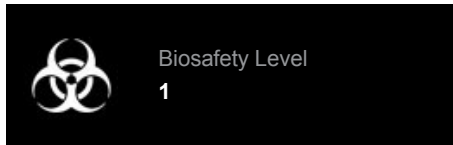


Product Sheet

E6(2)2 MOUSE HYBRIDOMA

(HB-8172)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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U.S. Patent Number:
4,465,776

Technical Information

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Product Description

Designation: E6(2)2 MOUSE HYBRIDOMA
Organism: *Mus musculus* (B cell); *Mus musculus* (myeloma)
, mouse (B cell); mouse (myeloma)
Isotype: IgG1
Cell Type: hybridoma: B lymphocyte
Morphology: lymphoblast
Growth Properties: suspension

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Subculturing Procedure

Medium Renewal: 3 times per week
Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 1 X 10⁵ cells/ml and maintain between 1 X 10⁵ and 1 X 10⁶ cells/ml.

Comments

Animals were immunized with phosphopyridoxyl reduced DNA binding proteins.
Spleen cells were fused with P3X63Ag8.653 myeloma cells.
The antibody reacts with B6 vitamers.
It binds to both pyridoxine and pyridoxamine with similar affinities.
Since the product binds an essential nutrient, the medium must be changed frequently or the cells will die.

Propagation

Complete Growth Medium



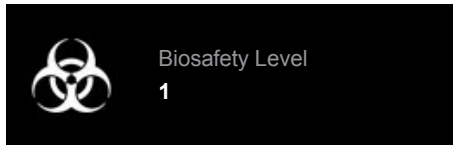
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Dulbecco's modified Eagle's medium with 4.5 g/L glucose, and 0.1 mM non-essential amino acids, 70%; NCTC 109 medium, 10%; fetal bovine serum, 20%

CULTURE MEDIUM: Dulbecco's modified Eagle's medium with 4.5 g/L glucose, 0.1 mM non-essential amino acids, 70%; NCTC 109 medium, 10%; fetal bovine serum, 20%.



References

References and other information relating to this product are available online at www.atcc.org.



Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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