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PRODUCT SPECIFICATION

ANTI-HAV ANTIBODY, mouse-IgM, Clone 4E1

PRODUCT CODE M 41

LOT NO.

PROTEIN CONCENTRATION : MG/ML

Protein concentration has been determined by BCA-protein assay (PIERCE).

SPECIFICATION:

In neutralization escape mutant experiments 4E7 did not compete with 21 HAV specific monoclonals, but showed a competition of 73 % versus a polyclonal serum. From this experiments it may be concluded, that 4E7 recognizes an antigenic site, that is functionally distinct from the immunodominant site (Ping and Lemon, 1992). Therefore, 4E7 may be an interesting tool for research and diagnostic manufacturing.

FORMULATION :

ANTI HAV-ANTIBODY 4E7, M41 is supplied as a solution of antibody in phosphate-buffered saline containing 0.05 % Thimerosal. Cells have been grown in Iscove's medium containing 5% fetal calf serum. The cell line was derived from animals with no history of clinical signs of infectious diseases. The antibodies were derived from cell culture which showed no signs of contamination, including cytopathic effects with adventitious microbial (including viral) contaminants. The product does not contain, and is not derived from, specific risk material as defined in Commission Decision 97/534/EC.

PURIFICATION :

Anti-HAV antibody 4E7 has been purified in a two step procedure, including size-exclusion chromatography.

STORAGE :

Store antibody at - 20 °C. If antibody has been thawed store at 4 °C. Avoid repeated freeze thawing cycles!

TECHNICAL NOTE:

Antibodies of IgM type may precipitate in buffers of low ionic strength!

STABILITY:

The ANTI HAV-ANTIBODY 4E7, M41, of this lot, stored at -20°C, is stable for at least 12 month after the date of certification.



Geschäftsführung:
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