

Aspenhaustraße 25
D - 72770 Reutlingen

Tel +49 - (0)7121 - 51484 - 0
Fax +49 - (0)7121 - 51484 - 10
E-mail contact@mediagnost.de
Web http://www.mediagnost.de

PRODUCT SPECIFICATION

Anti-HAV Antibody, mouse IgM Clone 4E1 (M41)

Lot-Number: 310114

Protein concentration: **1.51 mg/mL**

Determined with BCA-protein assay reagent (Pierce, Europe)

Specification

In neutralization escape mutant experiments 4E1 did not compete with 21 HAV specific monoclonals, but showed a competition of 73 % versus a polyclonal serum. From these experiments it may be concluded, that 4E1 recognizes an antigenic site, that is functionally distinct from the immunodominant site (Ping and Lemon, 1992). Therefore, 4E1 may be an interesting tool for research and diagnostic manufacturing

Formulation

Anti HAV antibody 4E1 is supplied as a solution of antibody in phosphate-buffered saline containing 0.05 % NaN₃. Cells have been grown in RPMI 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 4E1 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! The conjugate remains stable for at least 6 months after delivery at appropriate storage conditions.

Product is for in-vitro and research use only. Not for use in diagnostic procedures.

Certificate is valid without signature.

Version Exemplary

Geschäftsführung:
Dr. Angelika Haage, Dr. Lutz Pridzun,
Prof. Dr. Bertram Flehmig
Sitz der Gesellschaft: Kusterdingen
Amtsgericht Stuttgart HRB 380863
UST.-ID. Nr.: DE146 893 439
Steuer-Nr.: 86115/70125

Baden-Württembergische Bank
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