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## Purified monoclonal ANTI-HAV ANTIBODY from mouse, isotype IgG2a, Clone 7E7 (M40)

Lot-Number: 120813/2

### PROTEIN CONCENTRATION: 1 mg/mL

Protein concentration has been determined by UV280 absorption, extinction coefficient: 1.35.

### SPECIFIC ACTIVITY:

The monoclonal ANTI HAV-ANTIBODY 7E7 is produced in mouse-myeloma cells clone 7E7 with the isotype IgG2a. It specifically detects an immunodominant site of Hepatitis A Virus (HAV). Neutralization experiments showed 77 % competition versus a polyclonal human serum (Ping and Lemon, 1992). Efficacy of this lot was tested by ELISA and amount of antibody was determined with international Ig-Standard.

### FORMULATION:

ANTI HAV-ANTIBODY 7E7, M40 is supplied as a solution of antibody in phosphate-buffered saline containing 0.01 % Sodium Azide. 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 7E7 has been purified in a three-step procedure, including affinity chromatography. Purity is >70% measured by 4-15% SDS-PAGE and subsequent fluorescence staining by Oriole™. Calculation of purity is based on Image Lab 4.0.1 without any saturation in the detected signal.

**STORAGE: Store antibody at 4°C.** Long term storage up to 24 months might be effected at -20°C, store in appropriate aliquots and avoid repeated thaw freeze cycles.

### STABILITY:

The ANTI HAV-ANTIBODY 7E7, M40 is stable for at least 6 month at 4°C after the date of certification.

### REFERENCE:

Li-Hua Ping and Stanley M. Lemon (1992): Antigenic Structure of Human Hepatitis A Virus Defined by Analysis of Escape Mutants Selected against Murine Monoclonal Antibodies. Journal of Virology Vol 66 No 4, 2208-2216.

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

Certificate is valid without signature.

Exemplary Version

Geschäftsführung:  
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