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## PRODUCT CERTIFICATE

**Monoclonal ANTI-HAV ANTIBODY from mouse, isotype IgG2a, Clone 7E7  
BIOTIN CONJUGATE (K51)**

**LOT NUMBER:**

### **PREPARATION OF CONJUGATE:**

BIOTIN conjugate was prepared from Biotinamidohexanoic acid N-hydroxysuccinimide ester and affinity purified anti-HAV-antibody 7E7 MEDIAGNOST. Conjugate has been purified by ultra filtration.

### **ANTIBODY:**

**IU/mg**

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. **Product contains sodium azide!** Sodium-Azide is very toxic, R-Phrases: 28, 32, 50/53 and S-Phrases 28, 45, 60, 61 must be considered.

### **FORMULATION :**

Biotin-labeled antibody is supplied in PBS pH 7.4, 10 mg/ml BSA and 0,05 % Sodium Azide for preservation.

### **PROTEIN CONCENTRATION:**

**mg/ml**

Protein concentration is determined with BCA-protein assay (PIERCE) prior to addition of BSA.

### **STABILITY AND STORAGE:**

The conjugate is stable at 4°C for at least 14 days after certification. For long term storage without loss of activity conjugate should be aliquoted and stored at -20°C. Avoid repeated freeze-thawing cycles.

### **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!**

Exemplary Version

Geschäftsführung:  
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