

Aspenhastraße 25
D - 72770 Reutlingen

Tel +49 - (0)7121 - 51484 - 0
Fax +49 - (0)7121 - 51484 -10

E-mail contact@mediagnost.de
<http://www.mediagnost.de>

PRODUCT CERTIFICATE

Monoclonal ANTI-HAV ANTIBODY from mouse, isotype IgG2a, Clone 7E7 ALKALINE PHOSPHATASE CONJUGATE (K52)

LOT NUMBER: 061107/2

PREPARATION OF CONJUGATE:

AP conjugate was prepared from Alkaline Phosphatase (Roche) and affinity purified anti-HAV-antibody 7E7 MEDIAGNOST. Conjugate has been purified by ultra filtration.

ANTIBODY:

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 :

Alkaline Phosphatase-labeled antibody is supplied in PBS pH 7.4, 10 mg/ml BSA and 0,1 % Sodium Azide for preservation.

PROTEIN CONCENTRATION: 5 mg/ml

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

AP ACTIVITY CONTROL: 502 U/mg

Activity was determined using the mediagnost AP Test, with DEA as buffer and PNPP as substrate.

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