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# PRODUCT CERTIFICATE

## ANTI-HAV HORSERADISH PEROXIDASE CONJUGATE (K50)

Lot-Number 050511/1

### PREPARATION OF CONJUGATE :

The conjugate was prepared from affinity purified anti-HAV-antibody 7E7.  
The monoclonal antibody 7E7 was tested in neutralization experiments. From this experiments, it may be concluded, that there is an immunodominant site, that is recognized by 7E7. In competition experiments 7E7 showed a 77 % competition versus a polyclonal serum (Ping and Lemon, 1992).

**POD Activity:** 270 U/mL

Activity was determined with Mediagnost POD test by usages of pyrogallol and hydrogen peroxide.

### FORMULATION :

Horseradish peroxidase-labelled antibody is supplied in phosphate buffered saline containing 10 mg/ ml BSA for stabilisation.

**PROTEIN CONCENTRATION :** 4,54 mg/ml

Determined with BCA-protein assay reagent (Pierce, Europe), prior to addition of stabilizing proteins.

### STORAGE :

Store at - 20 °C. After thawing store at 4°C. Avoid repeated freeze-thawing cycles.  
The conjugate remains stable for at least 6 month after delivery at appropriate storage conditions.

### 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.**