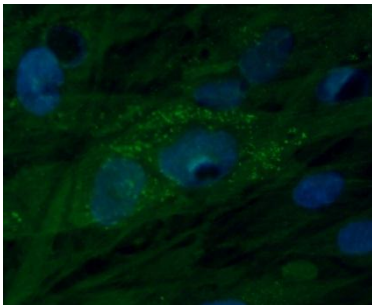


Hepatitis A Virus Antigen (Product Code A30)

Strain GBM^{1,2}
inactivated



Preparation

Cell culture supernatant of infected cells is harvested and concentrated by tangential flow filtration followed by dialysis against phosphate buffered saline. The Hepatitis A Virus (HAV) Antigen is inactivated with formaldehyde and neutralized with sodium bisulfite. The HAV Antigen is tested for infectivity by MEDIAGNOST HAV residual infectivity test.

Culture System

MRC5 cell culture or FRhK4 cell culture

HAV Antigen Content

The HAV antigen content is lot specific about 80 IU/mL determined by MEDIAGNOST HAV ELISA using the NIBSC standard 95/500.

Protein Content

The protein content is lot specific >20mg/mL determined by BCA Assay (Pierce, Europe).

Preservation

0,05 % NaN₃

Sterility

HAV-Antigen is tested for sterility on CASO-Agar and Kimmig-Agar.

Storage

At -20°C

Availability

The HAV antigen is available in 1 mL, 5 mL, 10 mL, 100 mL, 500 mL and bulk.

¹Flehmg B.: Hepatitis A virus in cell culture: I. Propagation of different hepatitis A virus isolates in a fetal rhesus monkey kidney cell line (FRhK-4)

Med. Microbiol. Immunol. 168, 239-248 (1980)

²Flehmg B., Vallbracht A., Wurster G.: Hepatitis A virus in cell culture: III. Propagation of hepatitis A virus in human embryo kidney cells (HKC) and human embryo fibroblast strains (HFS).

Med. Microbiol. Immunol. 170, 83-89, (1981)