Hepatitis A Virus Antigen (Product Code A30)
Strain GBM\textsuperscript{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 % NaN\textsubscript{3}

**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.

\textsuperscript{1}Flehmig 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)

\textsuperscript{2}Flehmig 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).