

Hepatitis A Virus Antigen

(Product Code B30)

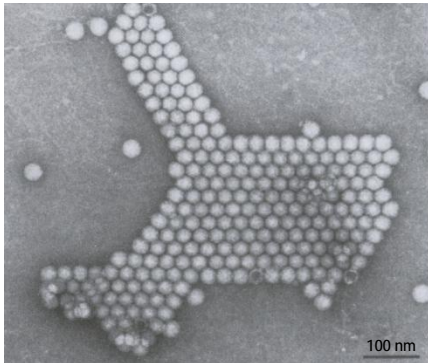


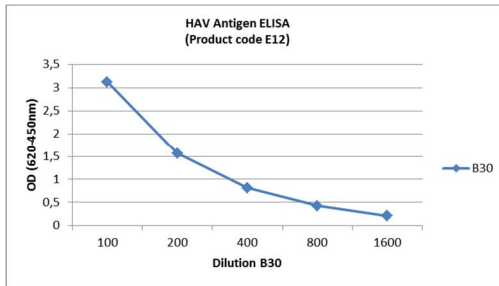
Figure:
Hepatitis A Virus particles (Strain GBM) observed by
electron microscopy.
The 27 nm particles are arranged in a crystalline array.

Strain:	GBM ^{1,2} , inactivated
Preparation:	Hepatitis A Virus (HAV) Antigen extracted from infected cells is purified by Ion Exchange Chromatography. The HAV Antigen is inactivated by formaldehyde and neutralized by sodium bisulfite. The quality of the purified product is vaccine grade.
Culture System:	The HAV is cultured in MRC5 cells or in FRhK4 cells.
HAV Antigen:	The HAV Antigen content is lot specific about 250 IU/mL determined by MEDIAGNOST HAV ELISA (product code E12) using the NIBSC standard 95/500.
Protein:	The protein content is lot specific <100µg/mL determined by BCA Assay (Pierce, Europe).
Preservation:	0.05 % NaN ₃
Sterility:	HAV Antigen is tested for sterility on CASO-Agar and Kimmig-Agar.
Storage:	At -20°C
Size:	The HAV Antigen is available in 1 mL, 5 mL, 10 mL, 100 mL aliquots and bulk.

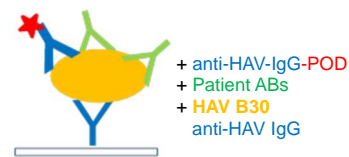
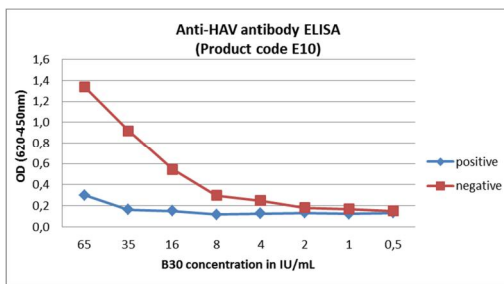
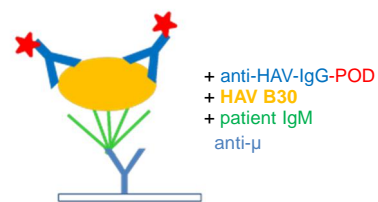
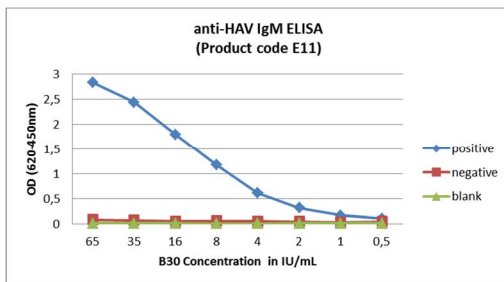
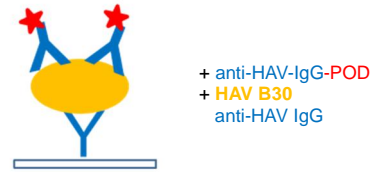
¹Flehmg B.: Hepatitis A virus in cell culture: I. Propagation of different hepatitis A virus isolates in a fetal rhesus monkey kidney cell line (FRhK-4). Med. Microbiol. Immunol. 168, 239-248 (1980)

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)

Application of HAV Antigen B30 in Mediagnost functional test systems:



Test schemes



Related Products:

- product code A30: HAV Antigen, inactivated and concentrated cell culture supernatant
- product code M40: Anti-HAV monoclonal antibody clone 7E7 affinity purified
- product code HAV RD50: HAVrealDETECT, real time RT-PCR Kit
- product code E10: qualitative/quantitative Anti-HAV Antibody ELISA
- product code E11: Anti-HAV IgM ELISA
- product code E12: HAV-Antigen ELISA