



AM6 [EC-AM6, pAM6] purified plasmid DNA

45020D™

Description

Full length hepatitis B virus genomic DNA in pBR322 plasmid. Purified plasmid DNA (200 ng, dried).

Restriction digests of the clone give the following sizes (kb): BamHI--4.4,1.85, 1.35; EcoRI--7.5; BglII/PstI--5.2, 1.35, 0.96. AM6 is available as ATCC 39630, 40101, 45020 and 45020D.

- ATCC staff

The virus was isolated from plasma (subtype adw) from an HBsAg-positive donor. DNA was extracted from purified Dane particles.

- personal communication

AM6 is available at ATCC 39630, ATCC 40101, and ATCC 45020. The 1350 bp BamHI fragment encodes both group and subtype-specific determinants of HBsAg.

The complete viral genome was linearized with BamHI and inserted into pBR322.

- U.S. Pat. 4,942,125 dated July 17, 1990

A BamHI digest cuts the insert into fragments of 1.85 kb and 1.35 kb. The 1.35 kb fragment contains coding sequences for HBsAg and most of region P. The 1.85 kb fragment encodes HBcAg and most of the X gene product.

- U.S. Pat. 4,942,125 dated July 17, 1990

The 1350 bp BamHI fragment encodes both group and subtype-specific determinants of HBsAg.

- Proc. Natl. Acad. Sci. USA 78: 2606-2610, 1981

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Product Sheet

Organism: Hepatitis B virus, Hepatitis B virus

Clone type: Clone

Shipping information: Purified DNA

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

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Product Sheet

Insert Information

Insert size (kb): 3.2000000000000002

Type of DNA: genomic

Insert strain: serotype adw

Genome: Hepatitis B virus

Gene name: genome, full-length

Insert end: BamHI

Vector Information

Construct size (kb): 7.5

Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Vector end: BamHI

Vector information: Vector cross reference: DNA Seq. Acc.: J01749

Markers: ampR

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: AM6 [EC-AM6, pAM6] purified plasmid DNA (ATCC 45020D)

References

References and other information relating to this material are available at www.atcc.org.

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