

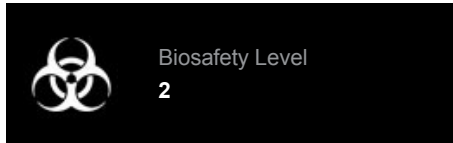


Product Sheet

AM6 [EC-AM6, pAM6] (ATCC® 39630™)

Hepatitis B virus

Please read this **FIRST**



Biosafety Level
2

Intended Use

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Hepatitis B virus* (ATCC® 39630™)

Shipping Information

Distributed: frozen

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: AM6 [EC-AM6, pAM6]

Notes

Distributed in aliquots of 200 ng (11 ul). Restriction digests of the clone give the following sizes (kb): BamHI--4.5, 1.85, 1.35; HindIII--7.5; 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

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

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

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

.patent

Distributed In

Distribution host: Escherichia coli HB101

Insert Information

DNA: genomic

DESCRIPTION OF INSERT COMPONENT:

Genome: hepatitis B virus

Gene name: genome, full-length

Contains complete coding sequence?: U

Strain: serotype adw

Type of DNA: genomic

Insert end: BamHI

Insert end: BamHI

Insert size (kb): 3.2

Cross references:

Insert lengths(kb): 3.20

Vector Information

Construct size (kb): 7.5

DESCRIPTION OF VECTOR COMPONENT:

Name of vector: pBR322

Intact vector size: 4.363

Type of vector: plasmid

Vector end: BamHI

Vector end: BamHI

Cloning sites: EcoRI ClaI HindIII EcoRV BamHI SphI Sall XmaIII NruI BspMI

BsmI StyI Aval Ball BspMII Pvull Tth111I NdeI AflIII PpaI

PstI Pvul Scal SspI AatII

Polylinker sites:

Construction: pBR313

Host range: Escherichia coli

Features (with orientation and position when available):

marker(s): tetR

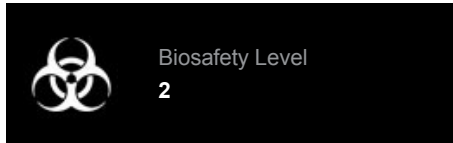


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replicon: pMB1
marker(s): ampR
Cross references: DNA Seq. Acc.: J01749

Propagation

Growth Conditions

Temperature: 37.0°C

Medium

ATCC® Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

References

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

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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