



# EC-AM1 [AM1, ECAM1]

39629™

## Description

**Organism:** Hepatitis B virus, Hepatitis B virus

**Clone type:** Clone

**Host:** HB101 (ATCC 33694)

**Patent depository:** This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

**Patent number:**

4,666,848

**Technical information:** ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

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## Storage Conditions

**Product format:** Freeze-dried

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## Intended Use

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## BSL 1

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 1.8500000000000001

**Type of DNA:** genomic

**Genome:** Hepatitis B virus

**Gene name:** core antigen; X antigen; X gene product

**Gene product:** X antigen; X gene product [cAg]

**Gene symbol:** cAg; xAg

**Contains complete coding sequence:** Unknown

**Insert end:** BamHI

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## Vector Information

**Construct size (kb):** 6.210000038146973

**Intact vector size:** 4.363

**Vector name:** pBR322

**Type of vector:** plasmid

**Construction:** pBR313

## EC-AM1 [AM1, ECAM1]

39629

**Host range:** *Escherichia coli***Vector end:** BamHI**Vector information:**

Cross references: DNA Seq. Acc.: J01749

**Cloning sites:** EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; Sall; XmaIII; NruI; BspMI; BsmI; Styl; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII**Markers:** ampR; tetR**Replicon:** pMB1

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### Growth Conditions

**Medium:**

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

**Temperature:** 37°C

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### Notes

Restriction digests of the clone give the following sizes (kb): BamHI--4.4, 1.8; HindIII--6.2; EcoRI--6.2.

- ATCC staff

The insert extends from the BamHI site at 1400 of the hepatitis B virus map to the BamHI site at 28. EC-AM1 (ATCC 39629) and SVAM191 (ATCC 40103, 39631) contain the same BamHI fragment of hepatitis B virus.

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

.patent

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: EC-AM1 [AM1, ECAM1] (ATCC 39629)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

This information on this document was last updated on 2025-05-05

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## Contact Information

## EC-AM1 [AM1, ECAM1]

39629

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