



# GCH1

87665™

## Description

This is a genomic DNA library of *Cryptosporidium parvum* in the pBluescript II SK+ vector and distributed in host *Escherichia coli* XL1-Blue.

**Organism:** *Cryptosporidium parvum* Tyzzer

**Clone type:** Library

**Host:** *Escherichia coli* XL1-Blue

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## Storage Conditions

**Product format:** Frozen

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## 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.

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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):** 0.2 - 2.5kb

**Type of DNA:** genomic

**Insert source:** sporozoites/oocysts

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## Vector Information

**Intact vector size:** 2.961

**Vector name:** pBluescript II SK+

**Type of vector:** phagemid

**Host range:** *Escherichia coli*

**Vector end:** EcoRI

**Cloning sites:** BssHII; KpnI; Apal; Drall; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Coverage:** Clones for "complete" coverage: 20000.0

**Insert detection:** lacZ'

**Markers:** ampR

**Polylinker sites:** BssHII; KpnI; Apal; Drall; XhoI; HincII; Accl; Sall; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

**Replicon:** pMB1; f1

**Digest:** Complete

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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

DNA was isolated from oocysts of *Cryptosporidium parvum*, GCH1 isolate, obtained from the feces of an AIDS patient by Dr. Jeff Griffiths at Tufts University in 1991. Since that time, oocysts have been propagated in experimentally infected calves.

- personal communication

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: GCH1 (ATCC 87665)

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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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