Cornell - 1

87714™

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
Deposited As: *Cryptosporidium parvum*

Storage Conditions

Product format: Frozen

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 1

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.

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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.

Insert Information

Insert size (kb): 0.2 - 5.0
Type of DNA: genomic
Insert source: sporozoites/oocysts

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; ApaI; DraII; XhoI; HincII; AccI; SalI; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI
Coverage: Clones for "complete" coverage: 13000.0
Insert detection: lacZ'
Markers: ampR
Polylinker sites: BssHII; KpnI; ApaI; DraII; XhoI; HincII; AccI; SalI; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI
Replicon: pMB1; f1
Digest: Complete

Growth Conditions

Medium:
ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin
Temperature: 37°C

Notes

The Cornell - 1 isolate was collected in July, 1997 from the feces of an AIDS patient at the Cornell University Medical Center. Oocysts were purified from feces on CsCl gradients and surfaced sterilized with 10% Clorox prior to nucleic acid extraction.
- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Cornell - 1 (ATCC 87714)

References

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

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Revision

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