



VS1742 Idaho - 1

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Product Sheet

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* sp.

Clone type: Library

Host: *Escherichia coli* XL1-Blue

Deposited As: *Cryptosporidium* sp.

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.

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): 0.1 - 2.3

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; DraIII; XhoI; HincII; AclI; SalI; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Coverage: Clones for "complete" coverage: 34000.0

Insert detection: lacZ'

Markers: ampR

Polylinker sites: BssHII; KpnI; ApaI; DraIII; XhoI; HincII; AclI; 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 VS1742 isolate was collected from the feces of a 3 1/2 year old heifer near Caldwell, Idaho. Viable oocysts (average: 8.38 x 6.19 um) were purified from feces on CsCl gradient then surface 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: VS1742 Idaho - 1 (ATCC 87715)

References

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

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