



Product Sheet

# *Nectria haematococca* (ATCC® MYA-4622™)

Please read this **FIRST**



## 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: *Nectria haematococca* (ATCC® MYA-4622™)

## Description

**Strain Designation:** FGSC 9596 [mpVI 77-13-4]

**Product Description:**

**PRODUCT DESCRIPTION:** An ampoule containing mycelia-medium cubes suspended in cryoprotectant.

## Propagation

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

ATCC® Medium 336: Potato dextrose agar (PDA)

ATCC® Medium 324: Malt extract agar

## Growth Conditions

**Temperature:** 25.0°C

## Recommended Procedure

Frozen ampoules packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. **Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C).** Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a **25-30°C** water bath, until just thawed (**approximately 5 minutes**). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer 10 microliter (or any amount desired up to all) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended.
4. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

## Notes

Plant pathogen; Genome sequencing strain (the Joint Genome Institute at the Department of Energy, USA).

## DNA Sequence

>ITS of MYA-4622

```
GTCTCCGTTGGTGAACCAGCGGAGGGATCATTACCGAGTTATTCAACTCATCAACCCTGTGAACATACC  
TAAACGTTGCTTCGGCGGGAACAGACGGCCCGTGAAACGGGCGCCCGCCAGAGGACCCCTAAC  
TCTGTTTCTATAATGTTTCTTCTGAGTAAACAAGCAAATAAATTAACCTTTCAACAACGGATCTCTTG  
GCTCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGTGAATTGCAGAATTCAGTGAATC  
ATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATTCTGGCGGGCATGCCTGTTTCGAGCGTCATTACA  
ACCCTCAGGCCCGGCGCTGGCGTTGGGGATCGGCGGAGCCCCCGTGGGCACACGCCGTCCCCCAA  
ATGCAGTGGCGGTCCCGCCGAGCTTCCATCGCGTAGTAGCTAACACCTCGCGACTGGAGAGCGGCGC  
GGCCACGCCGTAACACCCAACTCTTCTGAAGTTGACCTCGAATCAGGTAGGAATACCCGCTGAAC  
TAA  
//
```

## References

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

## Biosafety Level: 1

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

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Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor



Product Sheet

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Biosafety Level  
1

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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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