

Actinobacteria: *Gordonia terrae***Source**

- ATCC
- Catalogue #: 25594

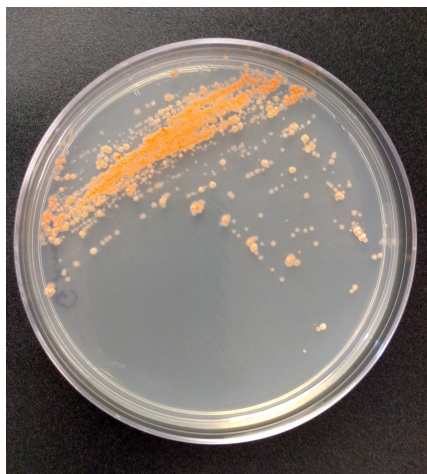
Growth Parameters

Note: The condition(s) tested below is not necessarily optimal for growth of this host. Rather, it represents a “basic” growth medium on which this host can grow.

- Growth media: PYCa media, [4.5 mM CaCl₂ supplemented to top agar]
- Temperature tested: 30°C
- Streak Plate Time: 5 days
- Liquid Culture Time: 3-4 days
- Lawn Growth Time: 2 day
- Colony Color: orange. Color deepens with time. Lawns are typically pinkish-orange.
- Colony Morphology: Round, convex, slightly raised, slightly rough, and dry. Size varies between 1 - 3 mm.

Additional Notes:

Start fresh cultures every 7 – 14 days. May need to amplify phage titers in liquid culture. More testing is needed.

Streak Plate Image

Background

Gordonia terrae is a non-motile Gram positive Actinobacterium in the family Gordoniaceae. The ATCC strain 25594 is *G. terrae* C-6 and is [sequenced](#). It is a benzothiophen-desulfuring bacterium isolated from oil-contaminated soil of the GuDao Oile filed, China. An overview of recently research on *Gordonia* species is available in References.

Host Information

- BSL1
- Found in soil

References

Draft Genome Sequence of a Benzothiophene-Desulfurizing Bacterium, *Gordonia terrae* Strain C-6. Wang W, et al. *Genome Announc* 2013 Jun 20

Arenskotter, M.; Broker, D.; Steinbuchel, A. (2004). "Biology of the Metabolically Diverse Genus *Gordonia*". *Applied and Environmental Microbiology* 70 (6): 3195–3204.
doi:10.1128/AEM.70.6.3195-3204.2004.