**Microalgae Cultivation**

**How to subculture?**

1. Prepare and sterilize your medium (BG-11) and containers
2. Adjust the medium to the culturing temperature (25°C or room temperature)
3. Transfer the algae cells from the latest generation to the new medium by aseptic techniques

* Ratio: 1:9

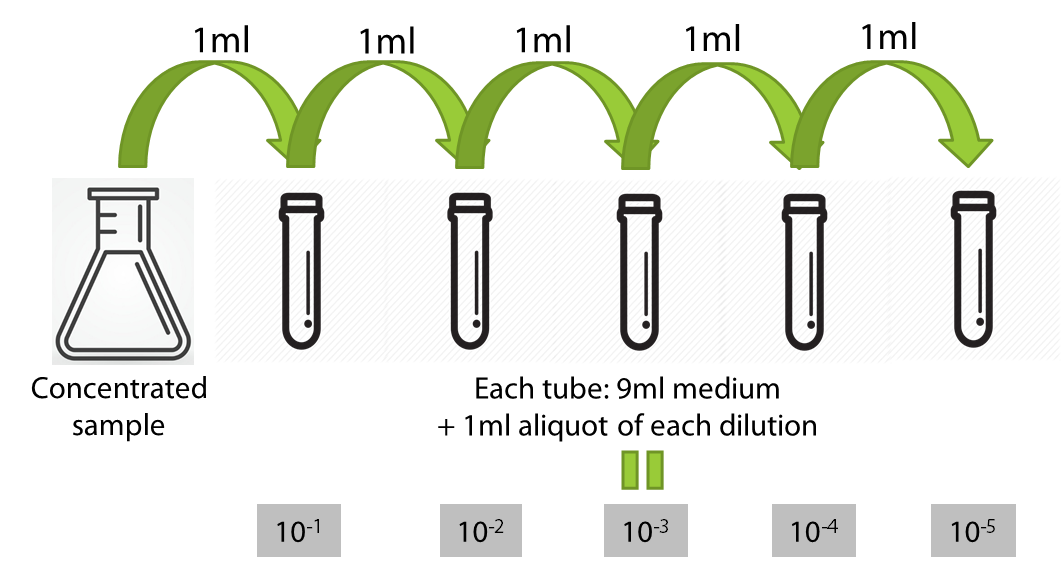
1. Incubate the culture at the appropriate temperature and under suitable light condition
2. After 7 days of incubation, perform a subculture again

**How to count the algal cell?**

[E. G. Bellinger, D. C. Sigee (2010). Freshwater Algae: Identification and Use as Bioindicators | Journal of Applied Phycology (springer.com)](https://link.springer.com/article/10.1007/s10811-012-9926-x)

**How to establish monoculture?**

1. **Serial dilution**



1. **Single cell isolation**

