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| Algal SPREC A-01 Sample Type, Collection, Processing and Culture – Examples of Standard PRE-analytical Code elements (1-7) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sample type | Collecting method | Collecting container | In transit & stabilization | Transit time | Isolation & culture initiation | Cultivation procedure |
| Example codes for growth type, habit, ecological zone from which organisms are sampled | Example codes for type of collecting method (e.g. by hand, net, use of tools to remove from surfaces)  | Example codes for type of containers used to collect samples *in situ*  | Example codes for how samples are stabilized in base camps, field sites; in transit to biobanks | Example codes for holding and transit times in and from base camps, field sites to biobanks | Example of simple codes for *in vitro* methods 1SPREC A-01 provides full technical details for initiation of cultures from free swimming, soil, substrate growth types | Example of simple codes for axenicity, antimicrobial treatments, cultivation1SPREC A-01 provides full technical details for culture regime, medium, vessel, environmental parameters (e.g. 18 - 20˚C, 12 : 12 h light : dark photoperiod ; irradiance 30 - 40 μmol m-2 s-1) |
| Aerophytic**Plankton**PeriphytonBenthicEpilithicEndolithicEpiphyticPhycobiontAssemblageSnowHot springsIntertidalUrban buildingUnknownOther | A**B**CDEFGHIJKLMXZ | **Plankton net**SqueezingScraping GraspingUnknownOther  | **A**BCDXZ | Glass bottlePolyethylene bag**Polyethylene bottle** UnknownOther  | AB**C**XZ | Ambient**Chilled (ice, refrigerated 0˚C - 4˚C)**Frozen (-18˚C to - 20˚C)Hydrated, ambientHydrated, chilled (ice, refrigerated 0˚C - 4˚C)Hydrated frozen (-18˚C to - 20˚C)Ambient + antimicrobial Chilled + antimicrobial Frozen + antimicrobialHydrated ambient + antimicrobialHydrated, chilled + antimicrobialHydrated frozen + antimicrobialUnknown Other  | A**B**CDEFGHIJKLXZ | **1 - 2 days**3 - 5 days1 week2 - 3 weeks1 month1 - 2 months2 - 3 months3 - 4 months4 - 5 months≥ 6 monthsUnknownOther | **A**BCDEFGHIJXZ | Wire loop inoculation to agar slopes **Vortex algal drops in liquid medium, transfer to fresh liquid culture** Comb-streak algae in drops on agar plates Wire loop transfer of algae to agar slopesVortex algae in liquid medium, transfer to fresh liquid medium Combined comb + drop inoculation method UnknownOther | DAS**DAL**CASCALDCSDCLXZ | Axenic: + antibiotics, grown in glass tubes Axenic: Dakin solution disinfection, grown in glass tubes Axenic: + antibiotics, grown in Erlenmeyer flasks Non-axenic: grown in glass tubes **Non-axenic: grown in Erlenmeyer flasks** UnknownOther  | AXAAXBAXCNXA**NXB**XZ |