

Flow cytometry analysis of diatoms and coccolithophores with diagnostic stains (via a BD Biosciences Accuri C6)

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Abstract

This general protocol can be used for assessing eukaryotic populations with various diagnostic stains (SYTOX for live/dead cells; DAF-FM for nitric oxide producing cells; DCFDA for reactive oxygen species; others). It is geared for samples that are ~5-10 μm in size, using a 70 μm orifice.

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