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## Application of Using Sequence-Specific 16S rRNA Gene Oligonucleotide Probes for Profiling of Specific Cyanobacteria By Reverse Line Blot

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DNA sequence information for the small-subunit rRNA gene(16S rDNA) obtained from cyanobacterial cultures was used to investigate the presence of eutrophic cyanobacteria. *Anabaena* and *Microcystis* were used as the representative eutrophic cyanobacteria. By reverse line blot detection method, presence of cyanobacteria could be confirmed on hybridization of Biotin-labeled 16S rDNA PCR primer product and specific oligonucleotide probe. For increasing specificity, the outgroup *E. coli* was included as an additional control