

ELECTRICAL BIOCHIPS

Summary

Rapid detection and quantification of microorganisms, particularly their nucleic acids and proteins, appears to be crucial in clinical practice, veterinary medicine, agriculture, basic research as well as in biotechnological factories. Although various techniques were described and are currently used, development of more rapid, more sensitive and quan-

titative methods seems to be still important. Here we describe a method for rapid detection of nucleic acids, proteins and small molecules, based on electrical biochip technology. This method is quick and sensitive. It can be thus expected that electrical biochips will soon be commonly used in biotechnology and medicine.