

# Creation of "humane service" industries

**Realization of health monitoring service with semiconductor-based biosensor**

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## Summary :

Biological fluids such as sweat, tears, and saliva include various biomarkers. Therefore, the measurement of biological fluids enables to noninvasively diagnose diseases at an early stage without a blood sampling, and furthermore to easily check a vital information for an individual health. In this project, we develop a novel device to realize a health monitoring service by applying our semiconductor-based biosensing technologies, which have the advantages to directly and easily detect ionic and biomolecular charges.

<http://park.itc.u-tokyo.ac.jp/biofet/index-e.html>

