

Abstract

[Problem] To provide a system for inference of a measurement target dynamic state, the system being capable of providing not only information as to whether a culture solution is aerobic or anaerobic, but also data for determining a culture operation and for optimizing various conditions of the culture solution. [Solution] A system for inference of a measurement target dynamic state, comprising: a reference electrode; a first working electrode; a second working electrode of which at least the material or surface treatment is different from the first working electrode; a third working electrode of which at least the material or surface treatment is different from the first working electrode and the second working electrode; and an information storage unit which receives first potential information relating to the redox potential between the reference electrode and the first working electrode, second potential information relating to the redox potential between the reference electrode and the second working electrode, and third potential information relating to the redox potential between the reference electrode and the third working electrode, and stores information including the first potential information, the second potential information, and the third potential information.