

BLOOD COMPONENT MEASUREMENT SYSTEM, BLOOD COMPONENT
MEASUREMENT METHOD, AND BLOOD COMPONENT MEASUREMENT PROGRAM

ABSTRACT

An object of the present invention is to provide a technique that can improve the measurement accuracy of the blood component concentration. A blood component measurement system emits light to a measurement site of a living body while the measurement site is compressed, and calculates a concentration of a predetermined blood component based on a pulse wave signal acquired based on light received from the measurement site. A blood component measurement system includes a processing unit that performs a process of analyzing the pulse wave signal and determining a pressure condition of the measurement site; and a calculation unit that calculates a concentration of the blood component using the pulse wave signal in a period in which the pressure condition is determined.

Fig. 1