

Screen-Printed Electrodes for Lactate Detection

Ref. LACT10

DropSens launches a **new enzymatic sensor** for L(+)-Lactate determination in liquid samples.

L(+)-Lactate is a key metabolite formed from the anaerobic metabolism of glucose and plays an important role in many biological processes. High lactate levels are characteristic of several pathological conditions and can also be used as an important parameter in sports health. Moreover, lactate is an important indicator in food industry.

The **Lactate sensor** (Ref. LACT10) is based on a screen-printed carbon electrode modified with the enzyme L-Lactate oxidase.



Ceramic substrate: L33 x W10 x H0.5 mm

Electric contacts: Silver

The electrochemical cell consists on:

Working electrode: Ferrocyanide/Carbon/L-Lactate Oxidase (4 mm diameter)

Auxiliary electrode: Carbon

Reference electrode: Silver

Screen-Printed Electrodes for Lactate Detection are commercialized in 50 units packs, with a calibration curve provided per batch. They should be stored at 2-8°C in the dark immediately upon received.

Related products



CAC



DSC



GLU10



STAT400



STAT8000

Full Catalogue



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