

CMOS ISFET sensitive detector (Technion)

code: MED-1299

The present invention relates to a novel device for acidity (pH) or ion concentration measurements. The proposed device is a differential, calibration-free and reference-electrode-free CMOS ISFET with remote sensing antennas. It eliminates the need for costly calibration, provides better stability over time and can be used where minuscule sensors are required, as in in-vivo medical and biomedical applications.

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