

Low Cost Point of Care Device for the Detection of Blood Glucose Levels

Salient features of the technology:-

- It is a simple device to measure blood glucose.
- The small sample volume employed in microscale assay techniques not only increase patient comfort, convenience, and compliance by minimizing the amount of blood required to be drawn, but also allow the analysis to be carried out precisely at a fraction of the present cost and time.
- A use-and-throw disposable point of care (POC) device in the form of a pre-loaded cartridge with glucose sensitive reagents.
- The final reading will be displayed as a digital readout.
- This technology is developed at Birla Institute of Technology and Science, Hyderabad.