



Expression of Interest (EOI)



Expression of Interest is invited to transfer the following technology developed at National Institute of Animal Biotechnology (NIAB), Hyderabad:

Portable electrochemical device for ultrasensitive and rapid detection of SARS-CoV-2 antigen

Description:

The electrochemical device is able to measure changes in electrical conductivity of screen printed carbon electrodes (SPCE) immobilised with **SARS-CoV-2** antibody (Ab) for the detection of **SARS-CoV-2** Spike protein antigen (Ag) (due to the Ag-Ab interaction) with high sensitivity and specificity. This can be used as an alternative diagnostic tool for rapid point-of-care detection of **SARS-CoV-2** Ag traces directly in clinical samples. The developed electrochemical device is available for technology transfer to the interested companies/industries.

Interested firms/parties/companies may send their interest along with a brief profile of company/industry addressed to Senior Manager, NIAB (admin@niab.org.in) with a copy to gandhi@niab.org.in latest by 5th July 2020

Senior Manager, NIAB