

Short profile

Name: Credo Diagnostics Biomedical

Medical field	Pulmonary and infectious diseases
Product type	Medical devices, diagnostics and therapeutics
Growth stage	Other
Team	150 people

Description of product:

The VitaSIRO solo™ platform integrates a full workflow of nucleic acid extraction and real-time Polymerase Chain Reaction (real-time PCR) testing in a cartridge-based design. The instrument with expanded multiplex capacity can detect up to 6 targets with a wide range of sample types. The VitaSIRO solo™ SARS-CoV-2/Flu/RSV Assay performed on the automated VitaSIRO solo™ Instrument is a multiplex real-time reverse transcription polymerase chain reaction (RT-PCR) *in vitro* diagnostic test. It is intended for simultaneous qualitative detection and differentiation of nucleic acids from SARS-CoV-2, Flue A, Flu B and respiratory syncytial virus (RSV) in nasal swab and nasopharyngeal swab (NPS) specimens collected from individuals displaying signs and/or symptoms of respiratory tract infection.

Desired project goal: *Please also elaborate on the primary outcome*

On-site validation project to evaluate the sensitivity, specificity, positive predictive value, negative predictive value and usability of their multiplex diagnostics assay in real point-of-care scenarios. The assay targets SARS-CoV-2, Flu A, Flu B and RSV.

Desired project type: *Please also elaborate on the following points, if applicable: population, intervention, study design etc.*

Test bedding and validation.

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