

# VitaSIR0 solo<sup>TM</sup>

## Powerful Diagnostics at Your Fingertips

### Sample In, Results Out



# VitaSIRO solo™

Building on the success of VitaPCR™, VitaSIRO solo™ is the next innovation from Credo Diagnostics.

The standalone 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 has expanded multiplex capacity to detect up to 6 targets with a wide range of sample types¹.



## Multiplex

Detect up to 6 targets with a single sample



## Various Sample Types¹

UTM/VTM, Blood, Urine, Saliva, Feces, etc



## Fast

Accelerate medical decision-making



## Plug and play

Minimal sample preparation requirements  
No additional equipment required



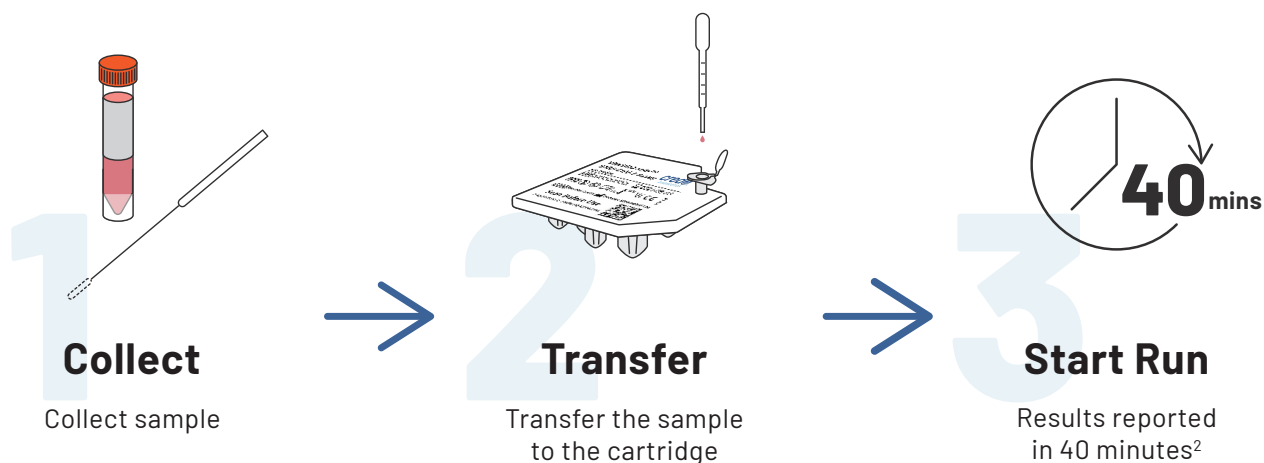
## Easy to Use

Minimal training required  
User-friendly interface



## Portable

Ease of deployment  
Small footprint and lightweight



Note:

1. Under development

2. Time varies depending on assays

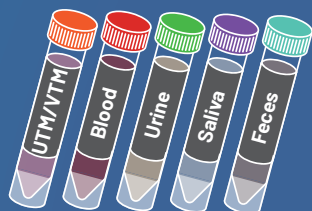
# All-in-One Cartridge

## Simplify molecular diagnostic workflow

Integrate nucleic acid extraction and multiplex real-time Polymerase Chain Reaction (real-time PCR) using patented microfluidic cartridge.

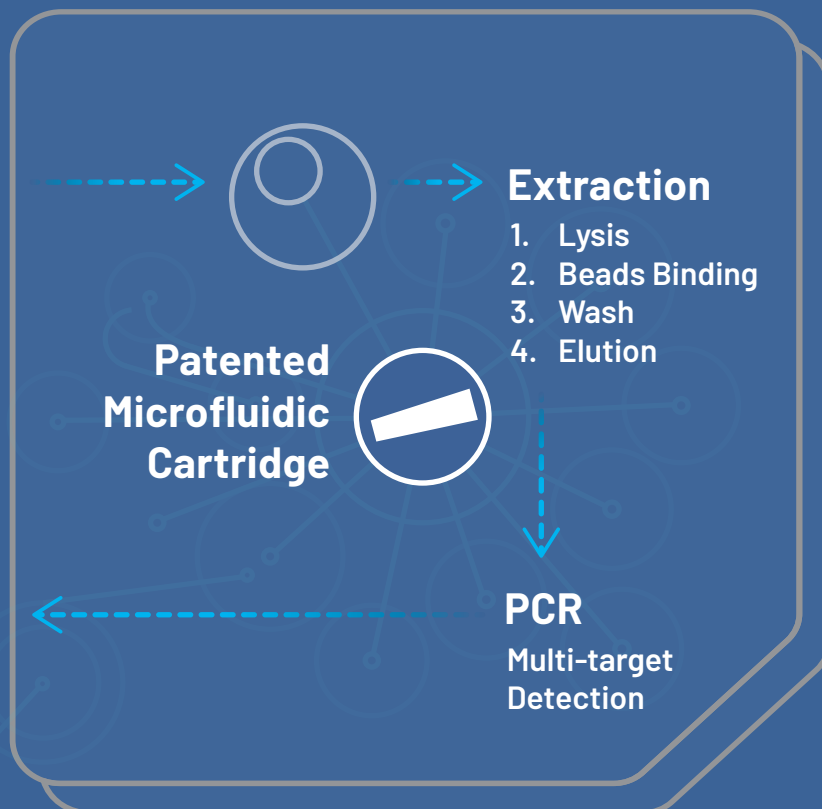
### Sample In

Sample Types



### Results Out

- ⊕ Positive
- ⊖ Negative



## Expanding Diagnostic Menus



### Respiratory Infections

SARS-CoV-2/Flu/RSV Assay<sup>3</sup>



### Hospital-Acquired Infections

MRSA Assay<sup>4</sup>



### Women's Health and Sexually Transmitted Infections

HPV Assay<sup>3</sup>

CT/NG/TV/MG Assay<sup>4</sup>



### Gastrointestinal Infections

Bacterial Gastrointestinal Assay<sup>4</sup>

Viral Gastrointestinal Assay<sup>4</sup>



### Myocardial Infarction Biomarker

cTnI Assay<sup>4</sup>



### Human Genotyping

MT-RNR1 SNP Assay<sup>3</sup>

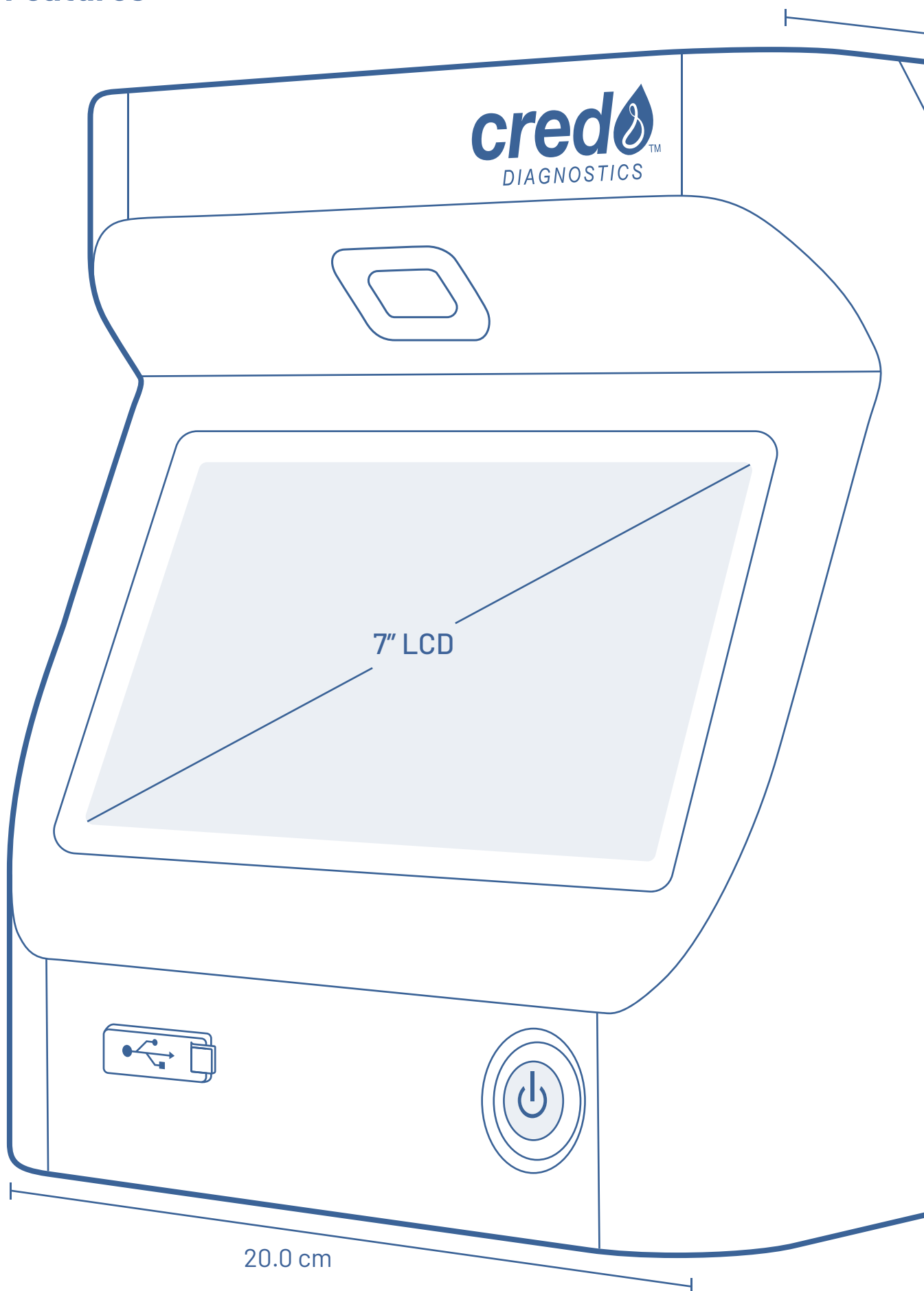
ADH/ALDH Assay<sup>4</sup>

Note:

3. CE-IVDD

4. Under development / RUO

## 1:1 Features



27.0 cm

**cred**<sup>™</sup>  
DIAGNOSTICS

23.1 cm

## Lightweight

Weighs 3.6 kg

## Intuitive

Real-time fluorescence curves  
and Ct value

## User-friendly

Touchscreen interface  
Built-in 1D/2D barcode scanner

## Connectivity

Transfer messages automatically  
to LIS/HIS via POCT1-A and other  
protocols

## Decentralized PCR Testing by Professionals



Emergency  
Rooms



Nursing  
Homes



Laboratories



Airports



Factories



Limited  
Healthcare  
Resources

## VitaSIRO solo™ Instrument

Product Code	PCRAC1101
Dimensions	23.1 x 20.0 x 27.0 cm (H x W x D)
Weight	3.6 kg
Power Supply	12V, 5A
Color Touch Screen	7" capacitive touch LCD display
Fluorescence Detection	450 to 750 nm
Fluorescence Channel	6+1 (Internal Control)
Storage Environment	15-40°C
Operating Environment	10-38°C , 10-80%RH
Power Adaptor	INPUT: AC 100-240V~2.0A Max, 50-60Hz OUTPUT: DC 12V-5A

## Knowledge Empowering People

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