



**Initiative featured at the
RIAC's Report developed to
support countries' efforts to
address COVID-19's impact**

Quick Test for COVID-19 Diagnosis

Multiple Entities



Brazil

Shared by: Foreign Ministry of Brazil through the Permanent Mission of Brazil to the Organization of American States (OAS)

The Foreign Ministry of Brazil through the Permanent Mission of Brazil to the OAS reported the following quick test for COVID-19 diagnosis developed by institutions of the private and public sectors in Brazil.

- **Rapid Tests for COVID-19 Diagnosis**
Hi Technologies

Hi Technologies is a healthtech company focused on developing based in Curitiba, Brazil. Building on HiLab technology, the well-known portable lab that detects infectious diseases through non-invasive blood tests, the company is developing a rapid test for COVID-19 diagnosis. The COVID-19 testing set would include the mini lab, test kits, and will deliver the results in 15 minutes.

Personal Information:

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Additional Information:

<https://bit.ly/3e3aR6F>
<https://hilab.com.br>

- **Golden Standard Test for COVID-19**

MDI Indústria e Comércio de Equipamentos Médicos and the Innovation Institute for Advanced Health Systems of the National Industrial Education Service (SENAI)



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Through a private-public partnership MDI Indústria e Comércio de Equipamentos Médicos and the Innovation Institute for Advanced Health of SENAI will collaborate to develop a Golden Standard test, also called RT-PCR, to diagnose COVID-19 in real time. The test will help detect coronavirus in nose and throat of patients with a molecular probe that identifies genetic material of the virus.

Additional Information:

<https://bit.ly/3cO3e3L>

- **Lab Network to Process COVID-19 Diagnosis**

Brazilian Agricultural Research Corporation - EMBRAPA

Under instruction of the Ministry of Health, Embrapa is making its research centers, equipment and personal available to process COVID-19 test. Embrapa's research network includes 47 labs in which genes of agronomic interest are detected in plants, animals and microorganisms. Therefore, these labs are easily adaptable for COVID-19 diagnosis using RT-PCR testing for identify the presence of coronavirus in biological samples.

Additional Information:

<https://bit.ly/2TodF6K>

- **Diagnostic Test that Detects Coronavirus RNA**

Aptah Biosciences, The Institute for Technological Research (IPT), and EMBRAPAII

Aptah Biosciences is a biotech company based in Brazil focused on designing molecules to control cell biology without altering DNA and participated in the Startout Brasil Program to scale its business to other markets. Jointly with EMBRAPAII and IPT, Aptah Biosciences developed a prototype of a rapid diagnostics test for COVID-19 that detects virus-specific RNA in saliva. Much like a home pregnancy test, this test will not require people to use lab equipments or go to medical centers. The RNA Coronavirus test would take an hour to provide the result.

Additional Information:

<https://www.aptah.com.br/>

<https://embrapii.org.br/teste-rapido-identifica-covid-19/>

<https://bit.ly/2z7V5J8>

What support does the initiative needs?

Investors/partners to scale the technologies and solutions



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