

Diagnostic Kits for Covid19



Patent Trends and Analysis

Recent Developments

GSK, AstraZeneca and Univ of Cambridge partnership



GlaxoSmithKline, AstraZeneca and the University of Cambridge set to collaborate with Novacyt to establish a new testing laboratory

CRISPR-Based COVID-19 Test Kit

CRISPR-Based COVID-19 Test Kit by University California San Francisco and Mammoth Biosciences can Diagnose Infection in less than an hour

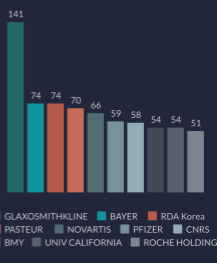


Novartis Collaborates with Life Sciences Companies

Novartis and a consortium of life sciences companies BD, bioMérieux, Boehringer Ingelheim, Bristol-Myers Squibb, Eisai, Eli Lilly, Gilead, GSK, Johnson & Johnson, Merck, Merck KGaA, Novartis, Pfizer, and Sanofi have entered into a collaboration to accelerate the development, manufacture and delivery of vaccines, diagnostics, and treatments for COVID-19



Top Players



COVID-19 Emergency Diagnostic Kits

SARS CoV-2 ECO Detect

BasePoint COVID-19 IgG / IgM

Cobas family SARS-CoV-2

Anti-SARS-CoV-2 ELISA IgA

Anti-SARS-CoV-2 IgG ELISA

AFIAS COVID-19 Ab

COVID-19 IgG / IgM test

TR DPP® COVID-19 IGM / IGG - Bio-Manguinhos

MOLECULAR Kit SARS-CoV2 (E / P1) - Bio-Manguinhos

Abbott RealTime Family SARS-CoV-2 USA

COVID-19 IgG / IgM LF

COVID-19 Real-Time PCR Kit

DPxP® COVID-19 IgM / IgG System

BIO SYNEX COVID-19 BSS

Xpert Xpress SARS-CoV-2

Family Rapid Test Cassette 2019-nCoV IgG / IgM (whole blood / serum / plasma)

Covid-19 Rapid Test 15 minutes Nutriex

TaqPath™ COVID-19 CE-IVD RT PCR Kit

FAMILY KIT XGEN MASTER COVID-19 - Master Kit for Detection of the SARS-CoV-2 Coronavirus

COVID-19 IgG / IgM Family Rapid Test (Whole Blood / Serum / Plasma)

VIASURE SARS-CoV-2 Real-Time PCR Detection Kit

Respiratory Viruses Fatalities and Spread

Virus Infection	Year	Cases	Mortality Rate
COVID-19	2019	3.51 M+	3,4%
SARS	2002-2004	8,098	9,6%
MERS*	JAN -2020	2,519	34,3%
H1N1	2009	1.6 M+	0,02%

*Middle East respiratory syndrome coronavirus (MERS-CoV)

Inventions Originating from ?



Coronavirus Diagnostic Test Kits

Diagnostic tests for Coronavirus or COVID 19 includes Molecular Tests and Serology Tests



Chatbots for Diagnosis

Microsoft and the CDC have built an AI-powered coronavirus chatbot that can help you figure out whether you need to go to the hospital



Rapid COVID-19 Test Kit

Bosch develops a test Kit that can detect a SARS-CoV-2 infection under two and a half hours, and help medical facilities make fast diagnoses



Telepresence Robot

OhmniLabs is facilitating virtual visits in the time of Coronavirus with its "Telepresence Robot"



Symptom Tracking Solutions

Many Companies has developed an app to help users check if they have been in close contact with people infected with the Coronavirus such as Aarogya Setu, Mobile Proximity App

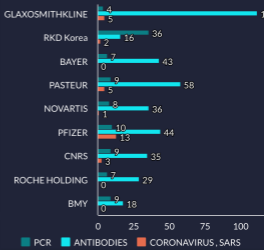


Molecular Point-of-Care Platform

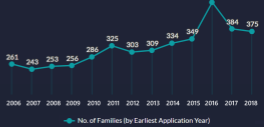
Abbott's ID NOW platform offers real time test for Influenza A&B, Strep A and respiratory syncytial virus (RSV) and deliver the results in 5 minute



Key Focus Area



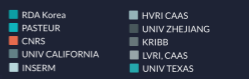
Filing Trends



Technical Segments

- Influenza Virus
- Acid Sequence Encoding
- Downstream Primer
- Monoclonal Antibody
- Sequence Shown
- Light Chain

Top Universities and Institutes



Popular Technologies

