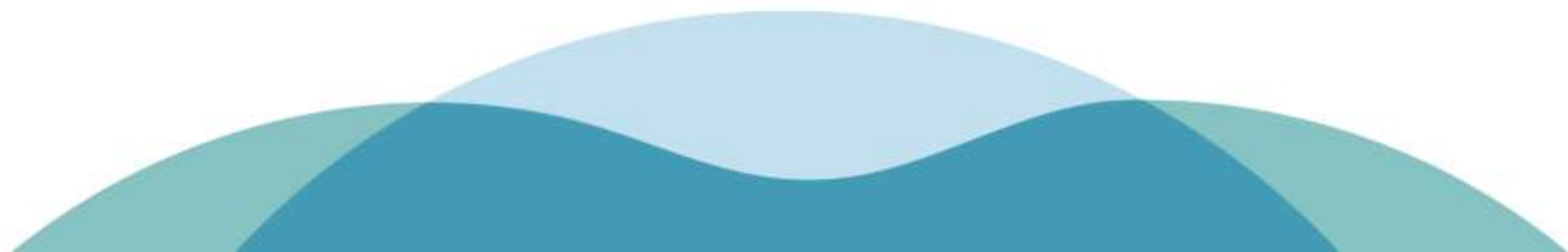




**ANALITICA**  
ADVANCED BIOMEDICINE





**ANALITICA**  
ADVANCED BIOMEDICINE

A woman with long brown hair, wearing a white lab coat, is shown in profile, looking towards the right. She is in a laboratory setting, with various pieces of equipment and a computer monitor visible in the background. The lighting is soft and focused on her. The left side of the image is overlaid with a teal gradient.

**Since 1990,  
AB ANALITICA has  
lead industrial  
biomedical research  
in Italy**

## WHO IS AB ANALITICA

- ❖ **Strong experience** in the production of diagnostic kits and reagents
- ❖ Since **30 years** our scientists develop **innovative test** in the diagnostic field
- ❖ Provider of the **best assistance, technical support** and customers service
- ❖ **Eco sustainable** company



# Environmental awareness



In 2018 AB ANALITICA invested in energy saving and in the reduction of climate-altering gas emissions



Home automation of air conditioning  
Installation of Eco Freon fridge cell  
Installation of a 49.5 kWp photovoltaic system

AB ANALITICA is fully committed in matching both talent and skills of its researchers



R&D Team



Engineering Team



Production Team



Technical assistance & Customer support



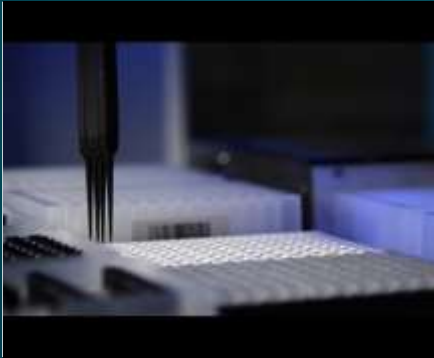
### SMART WORKFLOW

Panel of RT-PCR kits with same thermal profile, mastermix ready to use, IC and dUTP/UNG inside



### INTERNAL PRODUCTION

High professional and qualified production team for all AB ANALITICA kits



### EFFICIENT AUTOMATION

Automated solution sample to results. Extraction, PCR set-up, amplification and interpretation



### SOFTWARE DEVELOPMENT

Ingeneering team for developement of interpretation software and automation software



### HIGHT SPECIFICITY and PERFORMANCE

30 years of experience in develop of diagnostic kits



### QUALITY CERTIFIED

Certified UNI EN ISO 9001 and UNI EN ISO 13485 for all products potfolio





# AB ANALITICA is present in over 40 Countries with its trusted distributor network



# Our Research & Development department



REAL TIME PCR

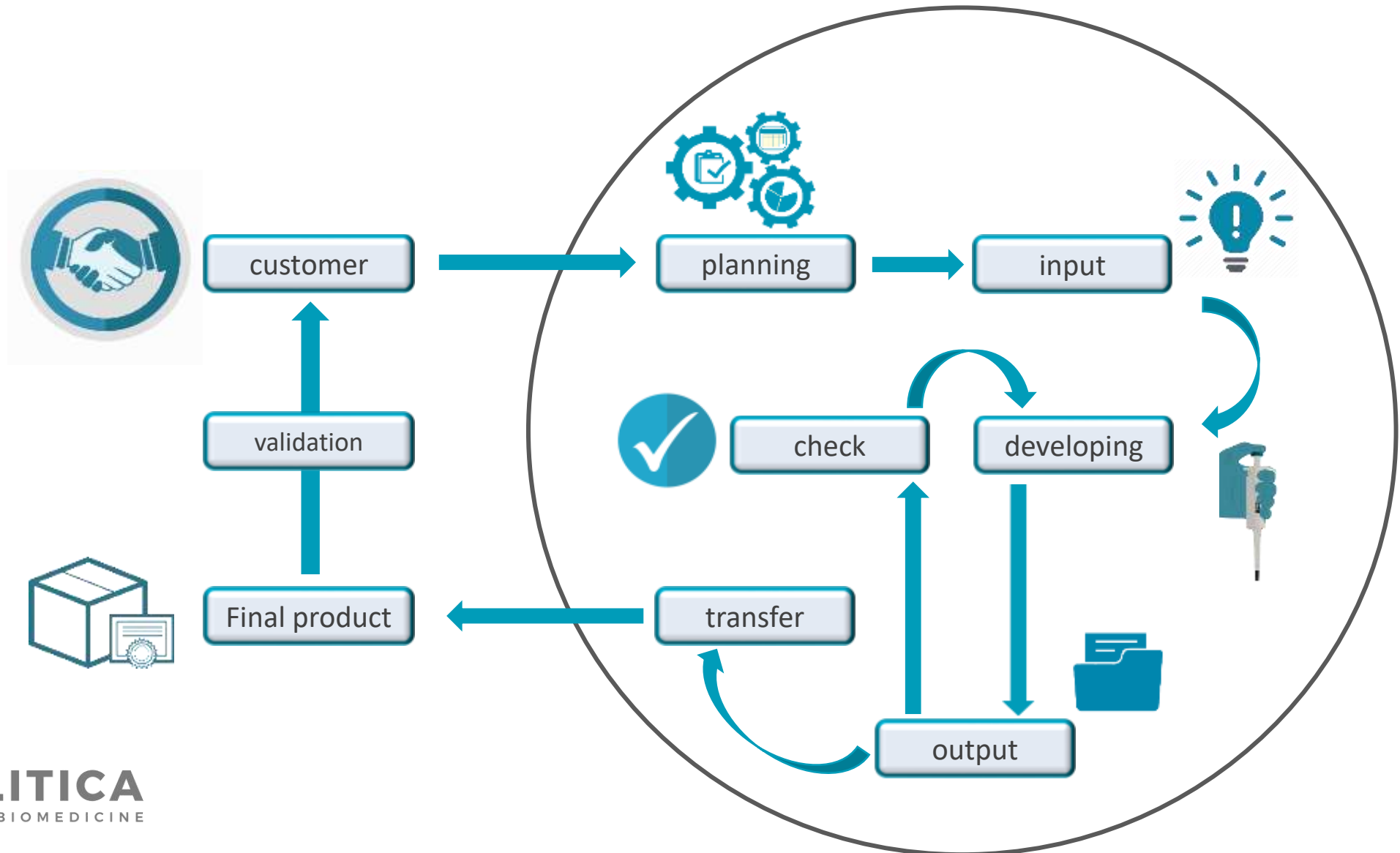


REVERSE LINE BLOT



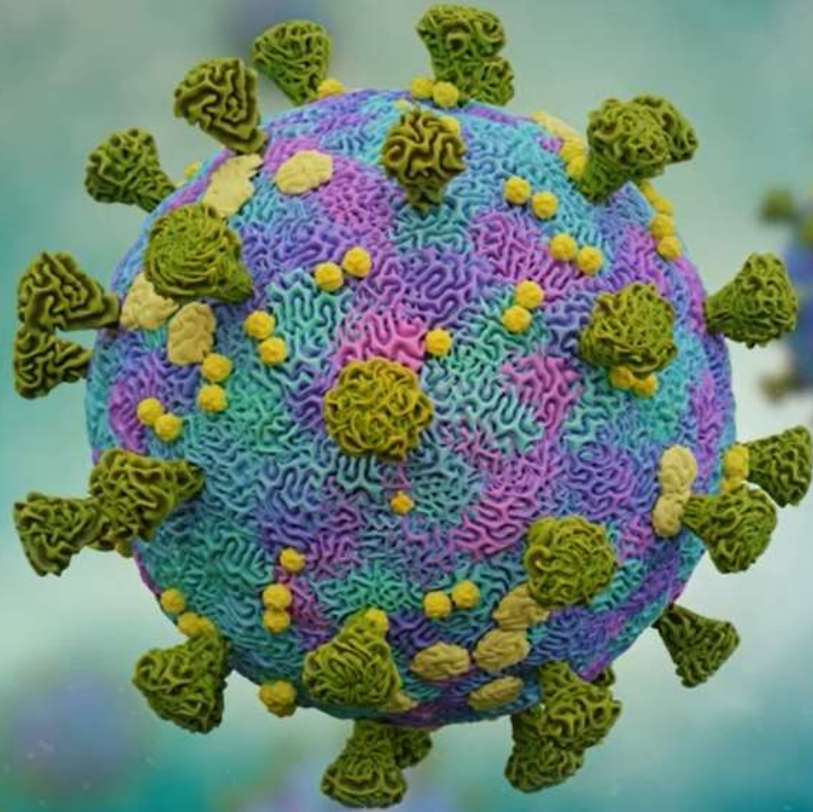
NEXT GENERATION SEQUENCING

# Research & Development Service



# DIAGNOSTIC APPLICATION FIELDS





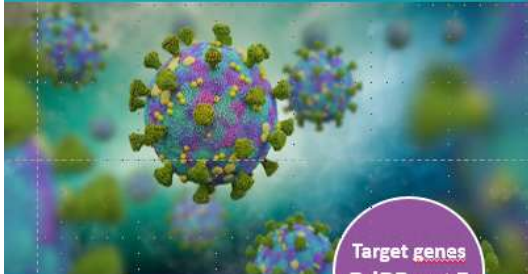
# Covid-19 Emergency

# AB ANALITICA RT-Real-Time PCR kits

1

## REALQUALITY RQ-2019-nCoV

Kit for detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT PCR



Target genes  
RdRP and E

Based on WHO guidelines  
(Berlin protocol)

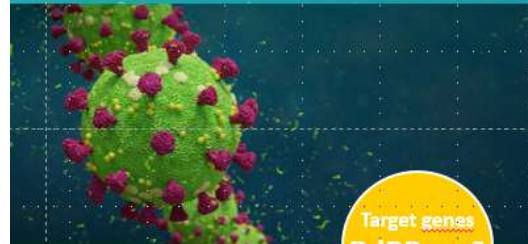
Launched  
9 March 2020

For in vitro diagnostic use

2

## REALQUALITY RQ-SARS-CoV-2

Kit for detection of RdRP and S genes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by one-step Real-Time RT PCR



Target genes  
RdRP and S

Launched  
19 March 2020

For in vitro diagnostic use

AB ANALITICA developed two RT-Real-Time PCR kits in a very short time to support the huge effort of the labs involved in covid-19 screening



# AB ANALITICA REALQUALITY RQ-2019-nCoV

**DIAGNOSTICS**

Product	Company	Test Type	Result Time (Min)	Approval Status
1. RealTime SARS-CoV-2	Abbott	PCR	15	CE-IVD
2. ID Now COVID-19	Abbott	PCR	15	CE-IVD
3. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
4. RealTime SARS-CoV-2	Abbott	PCR	15	CE-IVD
5. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
6. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
7. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
8. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
9. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
10. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
11. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
12. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
13. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
14. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
15. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
16. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
17. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
18. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
19. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
20. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
21. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
22. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
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67. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
68. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
69. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
70. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
71. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
72. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
73. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
74. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
75. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
76. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
77. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
78. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
79. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
80. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
81. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
82. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
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85. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
86. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
87. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
88. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
89. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
90. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
91. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
92. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
93. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
94. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
95. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
96. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
97. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
98. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
99. iQ200 COVID-19	Abbott	PCR	15	CE-IVD
100. iQ200 COVID-19	Abbott	PCR	15	CE-IVD

DISPOSITIVO DIAGNOSTICO (per rilevamento & SARS-CoV-2 RNA)	AZIENDA PRODUTTRICE
Bingbuor Novel Coronavirus (2019-nCoV) Detection Kit	Aamda Test & Biotechnology Limited Aristonova Colonnare Sassari Via Tevere Assunta Sassari
STANDARD M-CoV Real-Time Detection Kit	ID BIOSENSOR Inc.
Allylex 2019-nCoV assay	Sageux, Inc.
QUANTY COVID-19	CLOONT SRL
GENEFINDER COVID-19 PLUS REALAMP KIT	OSANG HEALTHCARE
NOVEL CORONAVIRUS (2019-nCoV) REAL-TIME MULTIPLEX RT-PCR KIT	SHANGHAI ZI BIO-TECH CO., LTD
ON-SITE RAPID PCR DIAGNOSTIC SYSTEM	ROSEPHARM
LABGUN COVID-19 ASSAY	LABGENOMICS CO. LTD
<b>REALQUALITY RQ-2019-nCoV</b>	<b>AB ANALITICA SRL</b>
CORONA VIRUS DISEASE 2019 (COVID-19) NUCLEIC ACID DETECTION KIT	GACPS S.R.L.
Simplera™ COVID-19 Direct assay	DiaSorin Molecular LLC

A list of coronavirus (2019-nCoV) diagnostic kits producers by World Economic Forum <https://www.weforum.org/agenda/2020/05/coronavirus-vaccine-search-how-we-re-preparing-to-make-enough-for-the-whole-world/>

AB ANALITICA REALQUALITY RQ-2019-nCoV is one of 11 kits accredited by the Italian Ministry of Health for the covid-19 screening

<https://www.finddx.org/covid-19/pipeline/>



# AB ANALITICA SYSTEM FOR COVID-19 SCREENING



**Completely CE IVD!!!**

With our system we  
can supply  
laboratories involved  
in Covid-19  
screening with a 500  
samples per day  
throughput



# GENEQUALITY® X120

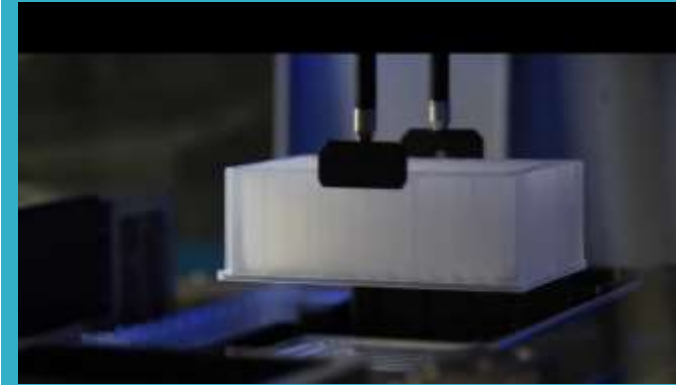
The AB ANALITICA offer for the Covid-19 labs



1

AUTOMATIC  
EXTRACTION

Completely automated walk away system for molecular biology assays  
Can manage up to 96 biological samples simultaneously: from loading of samples to Real-Time PCR setup



# GENEQUALITY® X120



2

PCR PLATE  
SET-UP



The AB ANALITICA  
offer for the  
Covid-19 labs



## DESIGN OF PCR PLATE

Programmable PCR plate setup for type of assay and/or for elution plate, with the possibility to include/exclude groups of samples or single samples in the plate

## PCR CONFIGURATION

Direct exportation of PCR configuration files to the most common Real-Time PCR instruments

# REAL-TIME PCR AMPLIFICATION

The AB ANALITICA offer for the Covid-19 labs



3

REAL TIME PCR AMPLIFICATION

**BIO-RAD**

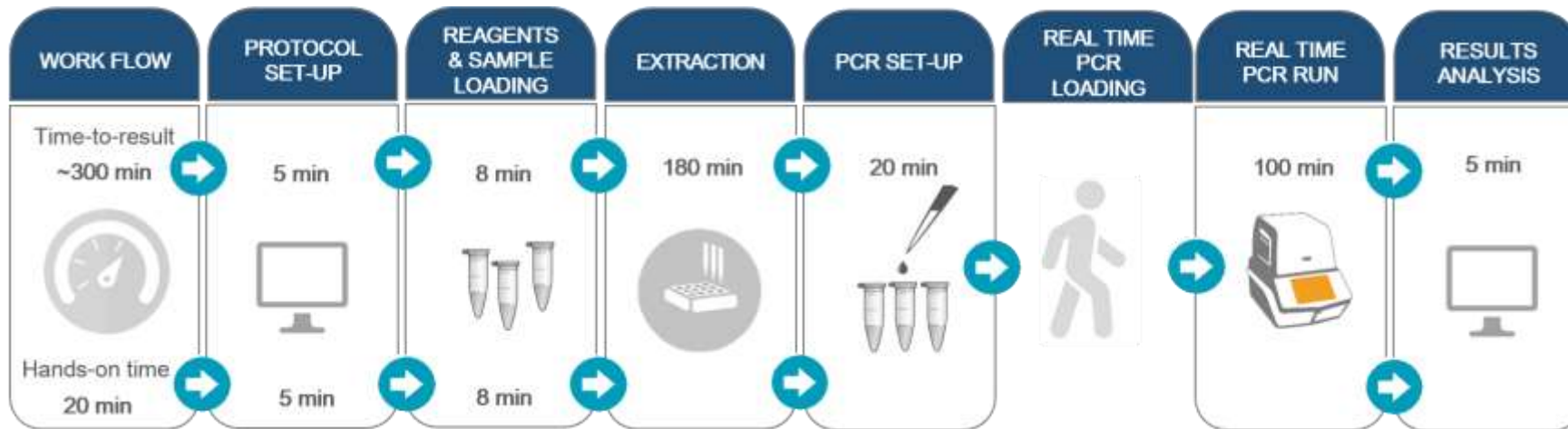
 **Agilent Technologies**



CFX96 IVD Real-Time PCR System

AriaDx Real-Time PCR System

# WORKFLOW



Timing of the workflow for processing 96 samples using the system proposed by AB ANALITICA. Up to 500/600 samples can be processed in one working day

# WHY YOU CAN COLLABORATE WITH AB ANALITICA

- Complete panel of products
- Personalized solutions for different types of laboratories
- Flexibility
- High quality Certified CE-IVD products
- Fast and direct technical assistance and customer support
- Interpretation softwares development
- Smart automation





## La Nostra Mission

“We design and produce solutions for better diagnostics. Everyday we innovate, imagine and grow with our Customers”





**ANALITICA**  
ADVANCED BIOMEDICINE

Many thanks for  
your kind attention!