



INTEGRATED
ANALYTICAL
DETECTION
PLATFORM

MAKES SAFETY
TESTING SIMPLER

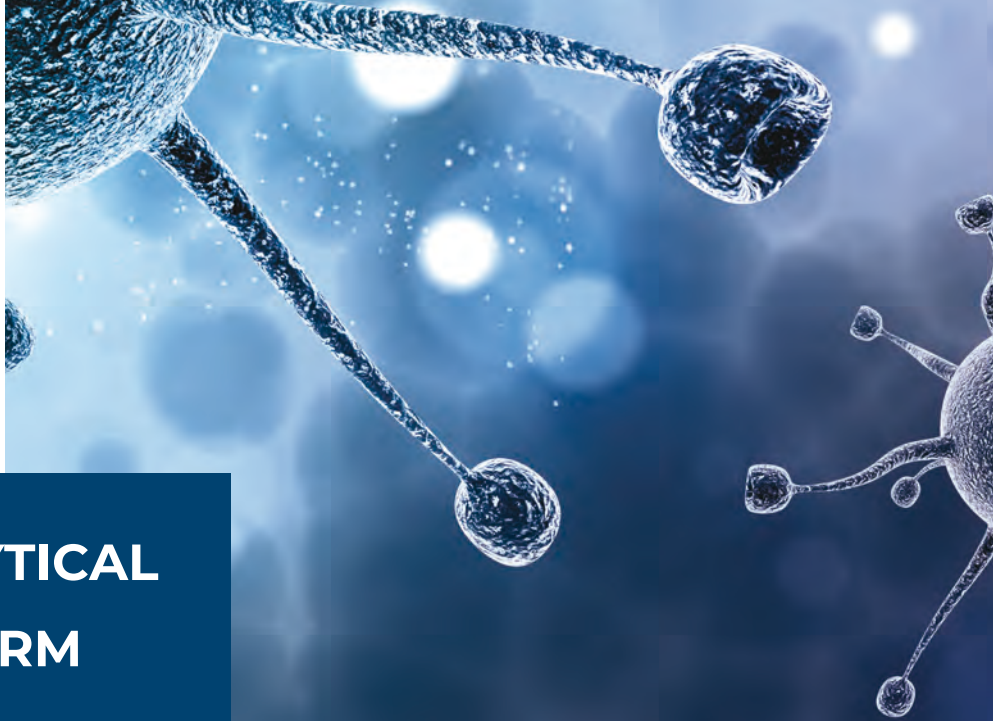
EASY

FAST

RELIABLE



Technological
Platform



INTEGRATED ANALYTICAL DETECTION PLATFORM

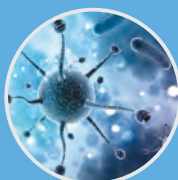
BACTERIAL
DETECTION



GENOTYPING

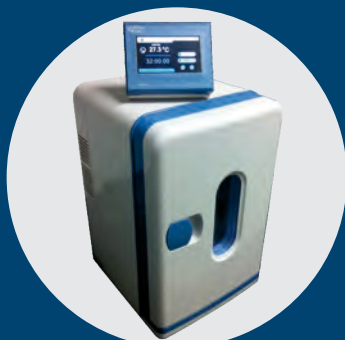


IMMUNOASSAY



TYPE OF DETECTION

SAMPLE
PREPARATION



Incubator

CAPTURE



Magnetic
separator

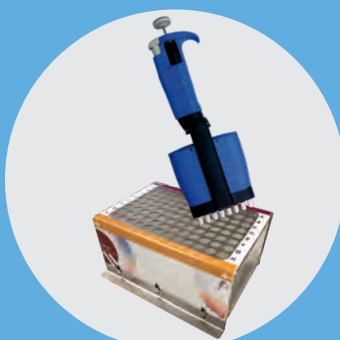
READING



8 samples
reader



Thermocycler
Thermoblock



Multi-well
plate



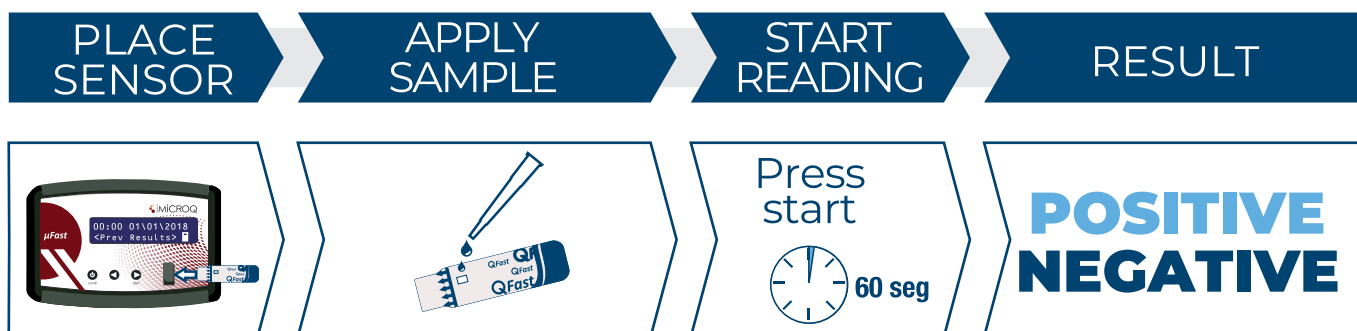
1 sample
reader



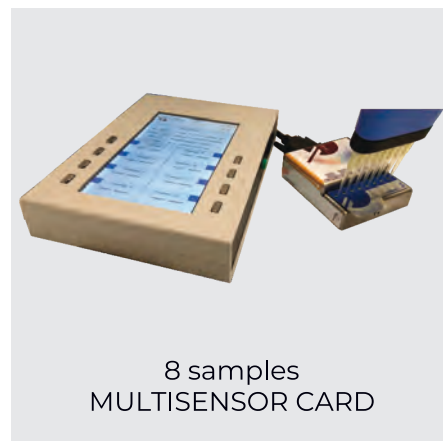
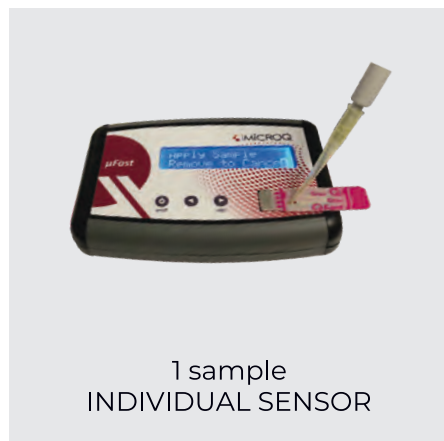
**Technological
Platform**

ELECTROCHEMICAL READOUT

READING PROTOCOL



EQUIPMENT ACCORDING TO NEEDS



ADVANTAGES

- Fast reading: 60 seconds per sample
- Simple interpretation: POSITIVE/NEGATIVE
- Versatile: for all QFast methods



iMICROQ, S.L.
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With support from:



Generalitat
de Catalunya



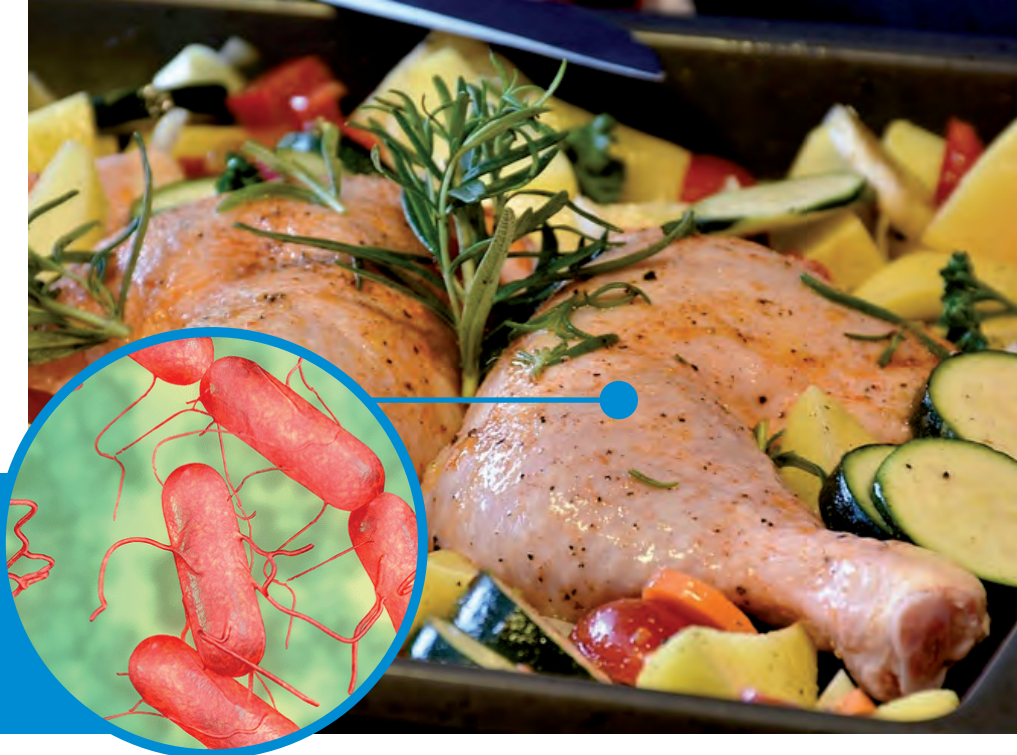
Certified company:





Salmonella

Allows to detect the
absence/presence of
Salmonella spp in
less than 24 h



1

ENRICHMENT

2

READING

**POSITIVE
NEGATIVE**



**TYPE OF
SAMPLES**

**FOOD
SAMPLES**

Processed food,
Dairy products,
Raw meat, Meat products,
Vegetables, Fish,
Eggs and by-products

**ANIMAL FEED
SAMPLES**

Animal feed,
Raw materials

**48
TESTS**

**96
TESTS**

**SOFT
EASY**

RTU

Culture media
ready to use

TBR

Dehydrated
culture media

BASIC

Use your own
culture media

**HARD
EASY**

**DRY
BAG**

Sterile dehydrated
culture media in
individual bags





Salmonella

ANALYSIS PROCEDURE

bact-QFast PROTOCOL

SAMPLE

25 g or dilución 1:10

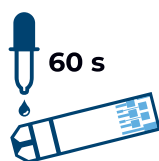
ENRICHMENT

Medium 1 Medium 2
37°C - 15-17 h 41.5°C - 6-8 h

REACTION

37°C - 30 min

READING



60 s

**POSITIVE
NEGATIVE**

**TOTAL TIME
◀ 24 HOURS**

Confirmation of positive results can be performed with any certified method



**PLATE
CONFIRMATION**



**BIOCHEMICAL
CONFIRMATION**



**AGGLUTINATION
TESTS**

Certified UNE/EN/ISO 16140:2003
alternative method to ISO 6579:2002



- 100% inclusivity
- 100% exclusivity
- Detection limit < 1 UFC

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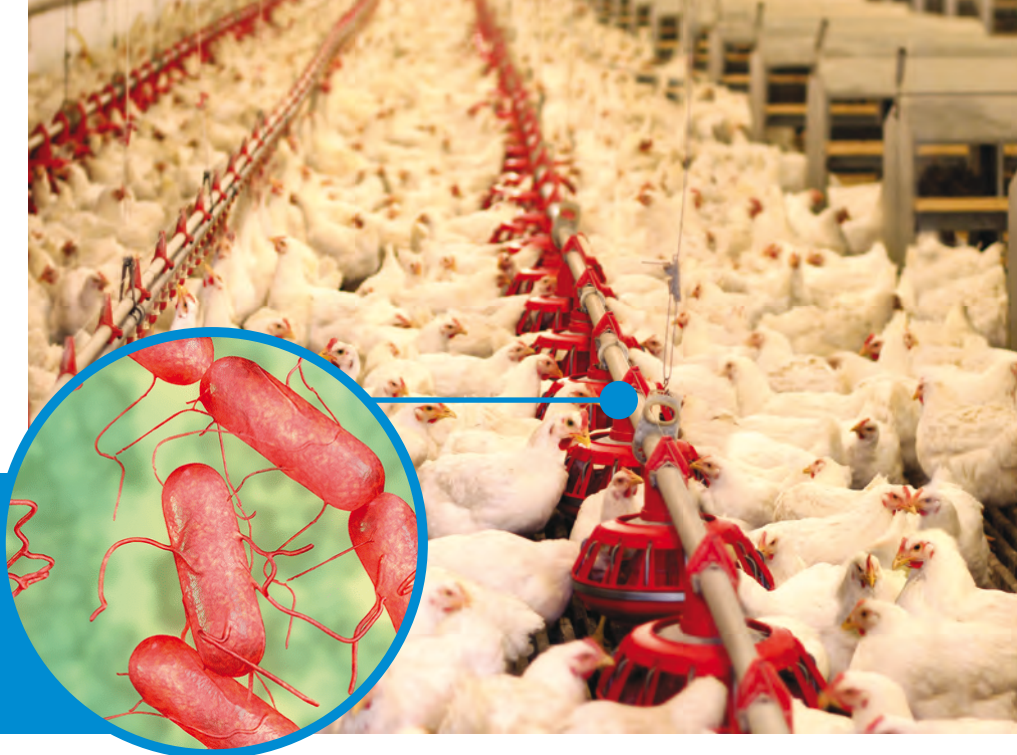
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Salmonella

Allows to detect the
absence/presence of
Salmonella spp in
less than 24 h



1

ENRICHMENT

2

IMMUNOCAPTURE
(only HARD +)

3

READING

**POSITIVE
NEGATIVE**



TYPE OF
SAMPLES

VETERINARY
SAMPLES

Chicken skin,
Boot swabs,
Faeces

ENVIRONMENTAL
SAMPLES

Dust,
Basket liner

**48
TESTS**

**96
TESTS**

HARD +

RTU

TBR

**DRY
BAG**

**HARD EASY
VETERINARY**

Culture media
ready to use

Dehydrated
culture media

Sterile dehydrated
culture media in
individual bags





Salmonella

ANALYSIS PROCEDURE

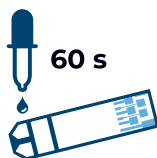
bact-QFast PROTOCOL



* HARD EASY VETERINARY requires an additional enrichment step

† only HARD +

READING



POSITIVE
NEGATIVE

TOTAL TIME
< 24 HOURS

Confirmation of positive results can be performed with any certified method



PLATE
CONFIRMATION



BIOCHEMICAL
CONFIRMATION



AGGLUTINATION
TESTS

Certified UNE/EN/ISO 16140:2003
alternative method to ISO 6579:2002



- 100% inclusivity
- 100% exclusivity
- Detection limit < 1 UFC

Zoosanitary method approved by:



MINISTERIO
DE AGRICULTURA, ALIMENTACIÓN
Y MEDIO AMBIENTE



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Certified company:





Sakazakii

Allows to detect the absence/presence of *Cronobacter* spp in **less than 24 h**



1

ENRICHMENT

2

READING

POSITIVE
NEGATIVE



TYPE OF
SAMPLES

ENVIRONMENTAL
SAMPLES

Environmental samples,
Food industry

FOOD
SAMPLES

Infant formula,
Milk powder,
Dehydrated milk components

KIT
96
TESTS

Enrichment in iMiCROQ culture media (included).
Includes reaction solution and sensors for reading.

**COMMERCIAL
REFERENCES**

Sakazakii
TBR





Sakazakii

ANALYSIS PROCEDURE

bact-QFast PROTOCOL

SAMPLE

10 g or dilution 1:10

ENRICHMENT

37°C - 6-7 h

REACTION

37°C - 16-18 h

READING



POSITIVE
NEGATIVE

TOTAL TIME
<24 HOURS

Confirmation of positive results can be performed with any certified method



PLATE
CONFIRMATION



BIOCHEMICAL
CONFIRMATION



AGGLUTINATION
TESTS



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Certified company:





E.Coli

Allows to detect the
absence/presence of
Escherichia coli in
less than 24 h



1

ENRICHMENT

2

READING

**POSITIVE
NEGATIVE**



**TYPE OF
SAMPLES**

**CLEANING & DISINFECTION
SAMPLES**

Equipment,
Tools,
Surfaces

**FOOD
SAMPLES**

Vegetables, Processed food,
Meat products, Raw meat,
Dairy products, Fish,
Eggs and by-products

**KIT
48
TESTS**

Enrichment in standard
EC Broth (not included).
Includes reaction solution
and sensors for reading.

**COMMERCIAL
REFERENCES**

**E.Coli
BASIC**





E.Coli

ANALYSIS PROCEDURE

bact-QFast PROTOCOL

SAMPLE

25 g or dilution 1:10

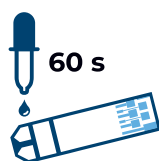
ENRICHMENT

37°C - 18-22 h

REACTION

44°C - 2 h

READING



60 s

**POSITIVE
NEGATIVE**

**TOTAL TIME
◀ 24 HOURS**

Confirmation of positive results can be performed with any certified method



**PLATE
CONFIRMATION**



**BIOCHEMICAL
CONFIRMATION**



**AGGLUTINATION
TESTS**



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L.Mono

Allows to detect **rapidly** the absence/presence of *Listeria monocytogenes* by PCR



1

ENRICHMENT

2

GENOTYPING

3

READING

**POSITIVE
NEGATIVE**



TYPE OF
SAMPLES

CLEANING & DISINFECTION
SAMPLES

Equipment,
Tools,
Surfaces

FOOD
SAMPLES

Dairy products, Raw meat,
Fish, Meat products,
Processed food, Vegetables,
Eggs and by-products

**KIT
48
TESTS**

Enrichment in HALF FRASER
culture medium
(not included).

Includes PCR reagents
and sensors for reading.

**COMMERCIAL
REFERENCES**

L.Mono
BASIC





L.Mono

ANALYSIS PROCEDURE

gen-QFast PROTOCOL



READING



**RESULTS
NEXT DAY**

Confirmation of positive results can be performed with any certified method



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Salmonella

Allows to detect **rapidly** the absence/presence of *Salmonella* enteritidis, typhimurium or spp by PCR



1 ENRICHMENT

2 GENOTYPING

3 READING

**POSITIVE
NEGATIVE**



TYPE OF SAMPLES

FOOD SAMPLES

Processed food,
Dairy products,
Raw meat,
Meat products,
Vegetables, Eggs
and by-products, Fish

ANIMAL FEED SAMPLES

Animal feed,
Raw materials

VETERINARY SAMPLES

Chicken skin,
Boot swabs,
Faeces

ENVIRONMENTAL SAMPLES

Dust,
Basket liner

**KIT
48
TESTS**

Enrichment in QFast
selective culture media
(not included).

Includes PCR reagents
and sensors for reading.

COMMERCIAL REFERENCES

**Salmonella
SE, ST o SPP
BASIC**





Salmonella

ANALYSIS PROCEDURE

gen-QFast PROTOCOL



READING



**RESULTS
NEXT DAY**

Confirmation of positive results can be performed with any certified method



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Certified company:





inQ-MBI

The incubator
adapted to
your needs



VERSATILE EQUIPMENT

Ideal for microbiology tests
Portable, Lightweight, Compact
Static or with mixing incubation
Pre-programmed with QFast protocols
Time and temperature logging
Adapted to different kinds of samples

TYPE OF SAMPLES



Microtubes



Containers



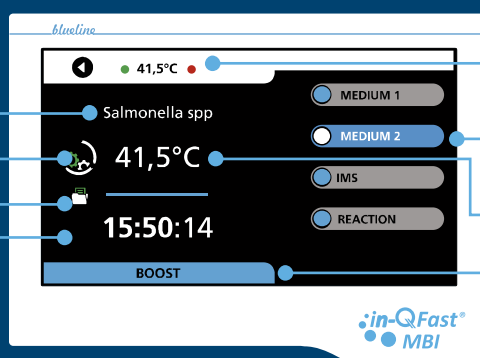
Homogeneizer bags



Culture plates

PROGRAMMABLE THROUGH ITS TOUCH SCREEN

QFast PROTOCOL
MIXING ON/OFF
LOGGING
TEMPERATURE ACTIVE
REMAINING
INCUBATION TIME



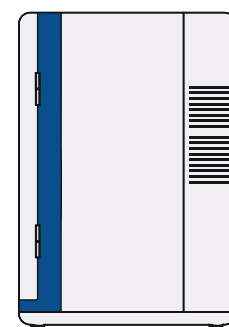
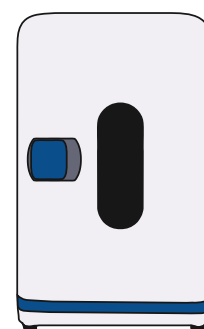
PROGRAMMED TEMPERATURE
AND EQUIPMENT STATUS
STEP OF QFast PROTOCOL
INTERIOR TEMPERATURE
ACTIVATE
BOOST HEATING



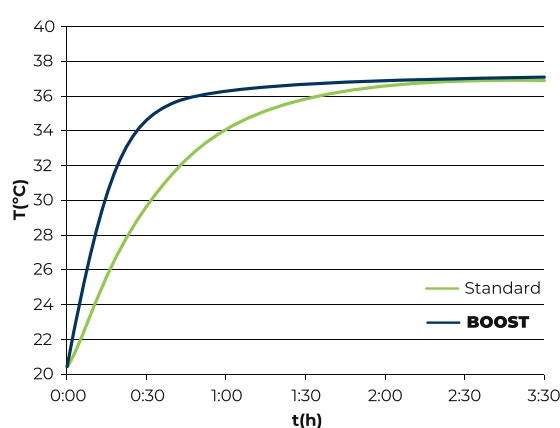
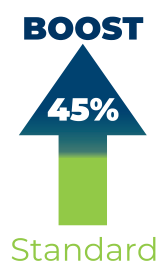
inQ-MBI

TECHNICAL SPECIFICATIONS

External dimensions height/width/depth	430/280/290 mm
Internal dimensions height/width/depth	290/180/150 mm
Weight	8 kg
Voltage	220V / 50-60 Hz
Power	180 W
Temperature range	From room Temp. +12°C to 50°C
Temperature stability	± 0.3 °C at 37°C
Display resolution	± 0.1 °C
Connectivity	via USB
External fuse	5 A



With our **BOOST mode**
your culture media
reaches incubation
temperature faster



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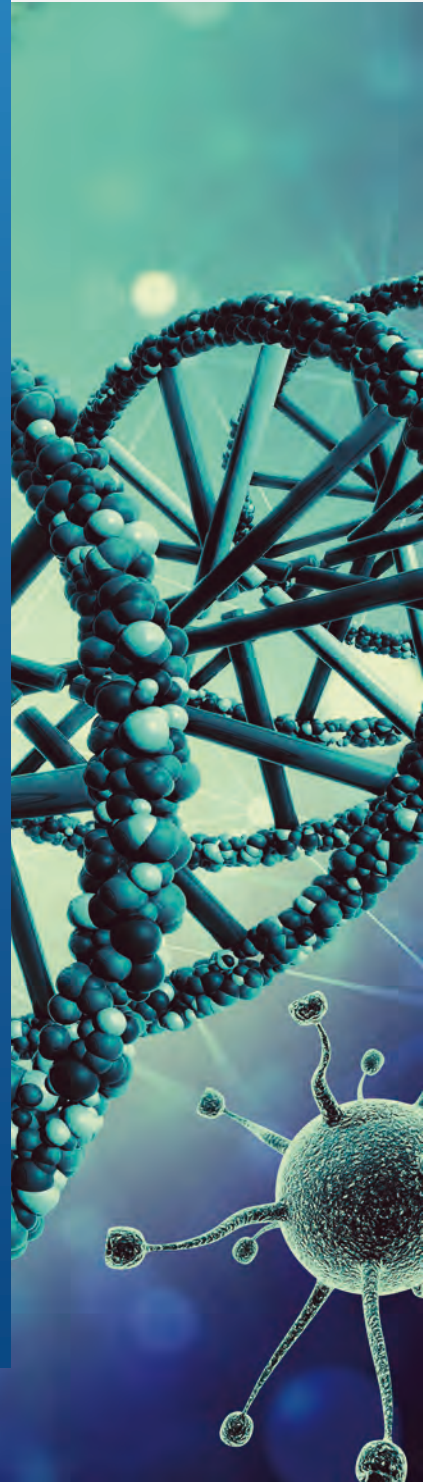


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