



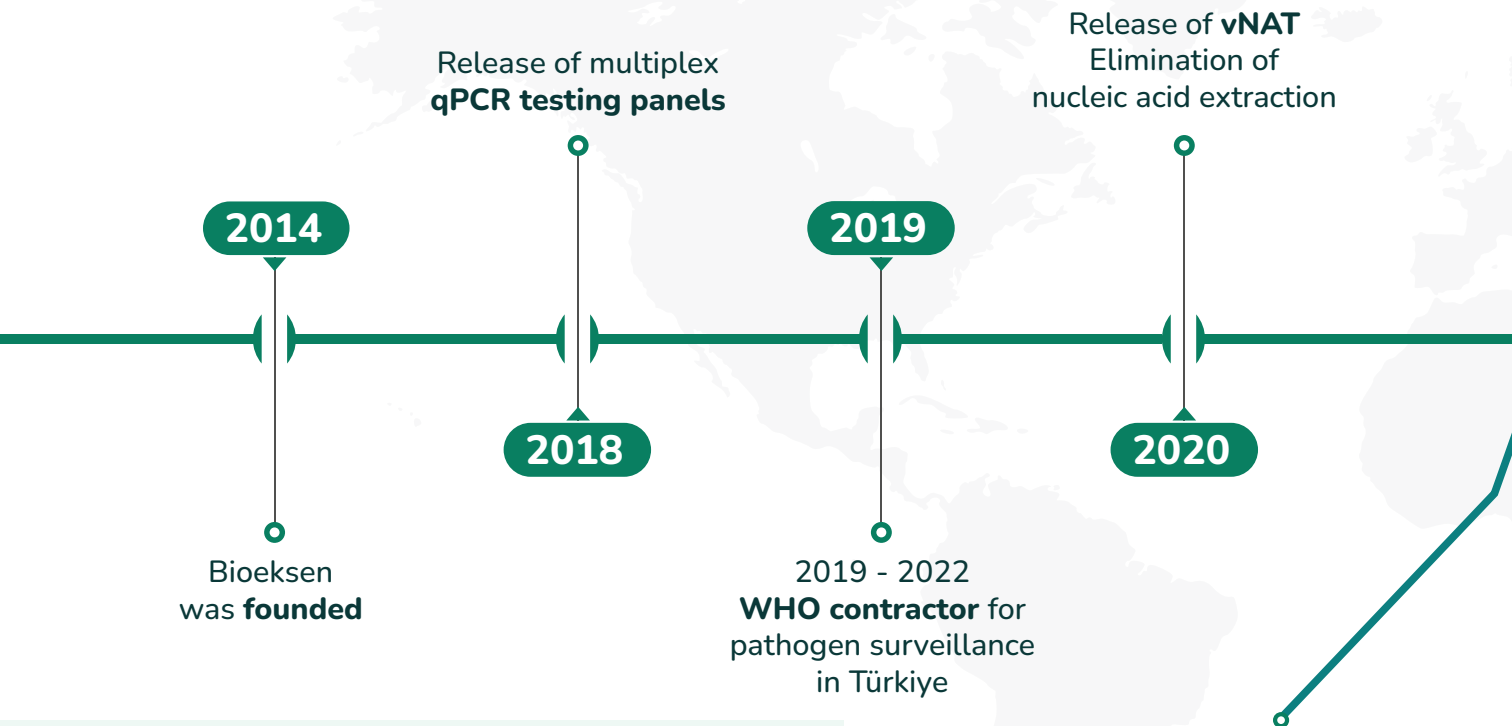
bioeksen

# MOLECULAR DIAGNOSTIC SOLUTIONS

vCAP Format

Bioeksen Product Catalog

## About Us



- Founded by university scientists in 2014, Bioeksen emerged from Istanbul Technical University's technopark with a focus on advancing molecular diagnostics.
- Unlike many companies in the field, Bioeksen has grown through public research grants rather than external investors. This approach has enabled the development of hundreds of innovative diagnostic solutions across human health, veterinary diagnostics, and food safety.
- <sup>1,2</sup> During the pandemic, Bioeksen distributed over 200 million PCR tests to 72 countries, earning both FDA Emergency Use Authorization and a place on the WHO Emergency Use Listing. A key factor behind our success was the global recognition of our FDA-approved Direct RT-qPCR SARS-CoV-2 Kit and WHO-listed SARS-CoV-2 (2019-nCoV) RT-qPCR Detection Kit.
- Today, Bioeksen is proud to be one of Türkiye's leading exporters of medical devices.

**COVID-19 Pandemic**  
>200 million tests  
72 countries

**FDA EUA<sup>1</sup>**

Direct RT-qPCR SARS-CoV-2

**WHO EUL<sup>2</sup>**

SARS-CoV-2 (2019-nCoV)  
RT-qPCR Detection Kit

**EXPORT LEADER**

**Sigmoida Software**  
Elimination of qPCR  
result evaluation and reporting

*sigmoidalab*  
Project Initiation

2021

2022

2023

2024

**>200  
Molecular  
Diagnostic  
Products**



**EXPORT LEADER**

**Stabilized reagents**  
Elimination of qPCR setup

Molecular **Wastewater**  
Surveillance Panels  
Released

 **Mission**

To develop, produce and deliver high-quality, reliable, user-friendly and cost-effective molecular diagnostic technologies.

 **Vision**

Making molecular diagnostics accessible to everyone, everywhere.

 **Values**

Quality, Innovation, Compliance, Accessibility,  
Dynamism, Sustainability, Solution Oriented.

# MULTIPLEX qPCR PANELS & KITS FOR PATHOGEN TESTING



**Respiratory Tract Infections**  
26 Plex



**Urinary Tract Infections**  
29 Plex



**Central Nervous System Infections**  
17 Plex



**Bone & Joint Infections**  
27 Plex



**Human Papillomavirus**  
28 Plex



**Bloodstream Infections**  
30 Plex



**Sexually Transmitted Infections**  
11 Plex



**Fever & Rash**  
21 Plex



**Gastrointestinal Infections**  
24 Plex



**Tuberculosis**  
3 Plex



**Candida**  
6 Plex

## HIGHLIGHTS OF OUR TECHNOLOGY



**High Capacity:** A hand size instrument can test 4-46 samples in a single run



**A unified instrumentation** and protocol for all assay types



Testing up to 30 analytes with a single, **easy-to-use assay**



**Fast and Flexible:** Multiple assays can be run in parallel in under 1 hour

## HIGHLIGHTS OF OUR TECHNOLOGY

**Nucleic acid extraction is not required  
for swab samples**

**qPCR requires 1 step  
Simply load the sample**

Conventional competitors involve 9 steps  
Lyo-ready systems require 5 steps

**An offline software for fully automated  
qPCR run and reporting**

**Less Waste, Lower Costs**

vCAP technology generates more than 20 times less plastic  
waste compared to the cartridge-based technologies  
Load any number of samples without wasting consumables



**2 kg hand-size  
instrument<sup>3</sup>**

# SAMPLE TO RESULT IN < 1 HOUR

VIDEO



## Workflow For All Swab Samples



### vNAT TRANSFER TUBE – Swab Samples

- Ready-to-use for qPCR.
- Inactivates pathogens in 1 min.
- Easy liquid pipetting.
- Samples storage for 72 hours at room temperature.

**ELIMINATES  
NUCLEIC ACID  
EXTRACTION**

0  
min



### vCAP qPCR TUBE

- Ready-to-use and pre-capped.
- Contains all qPCR reagents.
- **Simply load the sample into the cap.**
- Seals itself tightly before the qPCR run.

**ELIMINATES  
qPCR SETUP**

0  
min



<sup>3</sup>BMS Mic IVD qPCR powered by Sigmoida Software

### BMS Mic IVD qPCR powered by Sigmoida Software

- Fully managed by the Sigmoida Software.
- Automated run, interpretation, reporting, and LIS report transfer.
- **Offline** software enhances data security and privacy.

**ELIMINATES RESULT  
INTERPRETATION  
& REPORTING**

50  
min

VIDEO



## Workflow For All Sample Types



**Robotic  
nucleic acid  
extraction<sup>4</sup>**

<sup>4</sup>Bio-Speedy Rapid Nucleic Acid Extraction Kit and Zytibio EXM3000 Robot

9  
min



**Load the sample into  
vCAP Tube**

0  
min



**qPCR powered by  
Sigmoida Software  
Automated  
Interpretation and  
reporting**

50  
min



*sigmoida*lab

## SIMPLY LOAD THE PRIMARY TUBE

Sigmoida Lab Does the Rest.



### FULLY AUTOMATED

From capped primary tubes to LIS-integrated results with no manual steps.



### FLEXIBLE

Multiple assays and sample types can be run in parallel.  
Load any number of samples without wasting consumables.



### COMPACT & HIGH CAPACITY

1-meter-wide benchtop instrument.  
Processes 1 to 94 samples per run, assay-dependent.



### FAST

The whole process takes under 70 minutes.  
Continuous sample loading every 30 minutes.



### BROAD PORTFOLIO

Compatible with all CE-IVD vCAP Format Solutions;  
over 70 panels under evaluation.

# RESPIRATORY TRACT INFECTIONS

**Sample Types\*:** Throat Swab, Nasopharyngeal Swab, Oropharyngeal Swab, Combined Nasopharyngeal and Oropharyngeal Swab, Oral/Saliva Swab, Saliva, Gargle Sample, Sputum, Nasopharyngeal Aspirate, Bronchoalveolar Lavage

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy GAS (Group A Streptococcus) Kit</b> <b>Bacteria:</b> <i>Streptococcus pyogenes</i>	BS-DTC-102-25	48	1
	BS-DTC-102-100	96	
<b>Bio-Speedy SARS-CoV-2 N RT-qPCR Kit</b> <b>Virus:</b> SARS-CoV-2	BS-SY-WCOR-306-250	48	1
	BS-SY-WCOR-306-500	96	
<b>Bio-Speedy Respiratory Tract Virus RT-qPCR Panel</b> <b>Virus:</b> SARS-CoV-2, Influenza B, Influenza A, Human Coronavirus 229E/ OC43, Human Parainfluenza 1/2, Human Coronavirus NL63/ HKU1, Human Parainfluenza 3/4, Respiratory Syncytial Virus A/B, Human Metapneumovirus, Human Enterovirus, Human Adenovirus, Human Bocavirus, Human Rhinovirus	BS-RTV-L-25	24	4
	BS-RTV-L-100	60	
<b>Bio-Speedy Lower Respiratory Bacteria qPCR Panel</b> <b>Gram+ Bacteria:</b> <i>Streptococcus pyogenes</i> , <i>Streptococcus agalactiae</i> , <i>Streptococcus pneumoniae</i> , <i>Staphylococcus aureus</i> . <b>Gram- Bacteria:</b> <i>Pseudomonas aeruginosa</i> , <i>Haemophilus influenzae</i> , <i>Moraxella catarrhalis</i> , <i>Proteus spp.</i> , <i>Serratia marcescens</i> , <i>Klebsiella pneumoniae</i> , <i>Klebsiella aerogenes</i> , <i>Klebsiella oxytoca</i> , <i>Escherichia coli</i> , <i>Enterobacter cloacae</i> complex, <i>Enterobacteriaceae spp.</i> , <i>Acinetobacter calcoaceticus-baumannii</i> complex, <i>Legionella pneumophila</i> . <b>Atypical Bacterium:</b> <i>Mycoplasma pneumoniae</i>	BS-LRB-L-25	12	6
	BS-LRB-L-100	30	
<b>Bio-Speedy Respiratory Tract RT-qPCR MX-24L Panel</b> <b>Virus:</b> Influenza A, Influenza B, SARS-CoV-2, Human Coronavirus 229E, Human Coronavirus OC43, Human Coronavirus NL63, Human Coronavirus HKU1, Human Parainfluenza 1, Human Parainfluenza 2, Human Parainfluenza 3, Human Parainfluenza 4, Human Metapneumovirus, Human Enterovirus, Adenovirus, Human Bocavirus, Human Rhinovirus, Respiratory syncytial virus A/B, Influenza A H3, Influenza A H1, Influenza H1N1-2009 <b>Bacteria:</b> <i>Legionella pneumophila</i> , <i>Mycoplasma pneumoniae</i> , <i>Streptococcus pyogenes</i> , <i>Haemophilus influenzae</i> , <i>Bordetella pertusis</i> , <i>Streptococcus pneumoniae</i>	BS-SY-MX24L-25	12	8
	BS-SY-MX24L-100	30	

\* Sample types may differ across kits. For further details, please refer to our website.

# RESPIRATORY TRACT INFECTIONS

**Sample Types\*:** Throat Swab, Nasopharyngeal Swab, Oropharyngeal Swab, Combined Nasopharyngeal and Oropharyngeal Swab, Oral/Saliva Swab, Saliva, Gargle Sample, Sputum, Nasopharyngeal Aspirate, Bronchoalveolar Lavage

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Respiratory ID-2 Kit</b> <b>Virus:</b> Respiratory Syncytial Virus A/B, Influenza B, Influenza A, SARS-CoV-2, Human Adenovirus, Human Rhinovirus <b>Bacteria:</b> <i>Streptococcus pyogenes</i>	BS-RIDK-2-25 BS-RIDK-2-100	48 96	2
<b>Bio-Speedy Respiratory ID-2 Panel</b> <b>Virus:</b> Respiratory Syncytial Virus A/B, Influenza A, Influenza B, SARS-CoV-2, Human Adenovirus, Human Rhinovirus, Human Coronavirus 229E/OC43/NL63/HKU1, Human Parainfluenza 1/2/3/4, Bocavirus, Enterovirus, Metapneumovirus <b>Bacteria:</b> <i>Streptococcus pyogenes</i> , <i>Haemophilus influenzae</i> , <i>Bordetella pertussis</i> , <i>Streptococcus pneumoniae</i> , <i>Mycoplasma pneumoniae</i> , <i>Legionella pneumophila</i>	BS-RIDP-2-25	30	6
<b>Bio-Speedy Respiratory ID-3 Panel</b> <b>Virus:</b> Influenza A, Influenza B, SARS-CoV-2, Human Coronavirus 229E, Human Coronavirus OC43, Human Coronavirus NL63, Human Coronavirus HKU1, Human Parainfluenza 1, Human Parainfluenza 2, Human Parainfluenza 3, Human Parainfluenza 4, Human Metapneumovirus, Human Enterovirus, Adenovirus, Human Bocavirus, Human Rhinovirus, Respiratory Syncytial Virus A/B <b>Bacteria:</b> <i>Legionella pneumophila</i> , <i>Mycoplasma pneumoniae</i> , <i>Streptococcus pyogenes</i> , <i>Haemophilus influenzae</i> , <i>Bordetella pertussis</i> , <i>Bordetella parapertussis</i> , <i>Streptococcus pneumoniae</i>	BS-RIDP-3-25	12	8
<b>Bio-Speedy Respiratory Tract 4T RT-qPCR Kit</b> <b>Virus:</b> SARS-CoV-2, Influenza A, Influenza B, RSV A/B	BS-RT4S-25 BS-RT4S-100	48 96	2

\* Sample types may differ across kits. For further details, please refer to our website.

# TUBERCULOSIS

Sample Types\*: Sputum, Bronchoalveolar Lavage

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy MTB/NTM qPCR Kit</b>			
<b>Bacteria:</b> <i>Mycobacterium tuberculosis</i> complex, <i>Mycobacterium avium</i> complex, <i>Mycobacterium</i> spp.	BS-MTBNTM-L-25	48	1
	BS-MTBNTM-L-100	96	
<b>Bio-Speedy MTB qPCR Kit</b>			
<b>Bacteria:</b> <i>Mycobacterium tuberculosis</i> complex	BS-MTB-L-25	48	1
	BS-MTB-L-100	96	
<b>Bio-Speedy MTB/MDR qPCR Panel</b>			
<b>Drug Resistance:</b> Rifampicin, Isoniazid	BS-MTBMDR-L-25	24	4
	BS-MTBMDR-L-100	60	

# URINARY TRACT INFECTIONS

Sample Type\*: Urine

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Urinary Tract Infections qPCR Panel</b>			
<b>Gram+ Bacteria:</b> <i>Staphylococcus aureus</i> , <i>Staphylococcus saprophyticus</i> , <i>Aerococcus urinae</i> , <i>Enterococcus faecium</i> , <i>Enterococcus faecalis</i> , <i>Streptococcus agalactiae</i> , <i>Corynebacterium urealyticum</i>			
<b>Gram- Bacteria:</b> <i>Acinetobacter baumannii</i> , <i>Klebsiella pneumoniae</i> , <i>Klebsiella oxytoca</i> , <i>Klebsiella aerogenes</i> , <i>Morganella morganii</i> , <i>Pseudomonas aeruginosa</i> , <i>Providencia stuartii</i> , <i>Treponema pallidum</i> , <i>Proteus vulgaris</i> , <i>Proteus mirabilis</i> , <i>Serratia marcescens</i> , <i>Escherichia coli</i> , <i>Enterobacter cloacae</i> complex, <i>Citrobacter freundii</i> complex			
<b>Atypical Bacteria:</b> <i>Ureaplasma urealyticum</i> , <i>Ureaplasma parvum</i>			
<b>Fungi:</b> <i>Candida albicans</i> , <i>Candida glabrata</i> , <i>Candida parapsilosis</i> , <i>Candida auris</i> , <i>Candida tropicalis</i> , <i>Candida krusei</i>			
	BS-UTI-L-25	12	8
	BS-UTI-L-100	30	

\* Sample types may differ across kits. For further details, please refer to our website.

# SEXUALLY TRANSMITTED INFECTIONS

**Sample Types\*:** Throat Swab, Vaginal Swab, Urethral Swab, Urogenital Swab, Endocervical Swab, Rectal Swab, Urine

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Sexually Transmitted Infections RT-qPCR Panel</b>			
<b>Virus:</b> Herpes Simplex Virus-1, Herpes Simplex Virus-2			
<b>Gram+ Bacteria:</b> <i>Streptococcus agalactiae</i> , <i>Gardnerella vaginalis</i>			
<b>Gram- Bacteria:</b> <i>Neisseria gonorrhoeae</i> , <i>Treponema pallidum</i> , <i>Haemophilus ducreyi</i>	BS-STI-L-25	24	4
<b>Atypical Bacteria:</b> <i>Mycoplasma genitalium</i> , <i>Mycoplasma hominis</i> , <i>Ureaplasma parvum/urealyticum</i>	BS-STI-L-100	60	
<b>Protozoan Parasite:</b> <i>Trichomonas vaginalis</i>			

# HUMAN PAPILLOMAVIRUS (HPV)

**Sample Types\*:** Vaginal Swab, Cervical Swab, Penile Swab

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Human Papillomavirus qPCR Kit</b>	BS-HPV-25	48	2
<b>High Risk:</b> HPV 16, 18, 45, 31/33/35/39/51/52/56/58/59/66/68	BS-HPV-100	96	
<b>Bio-Speedy Human Papillomavirus High-Risk qPCR Panel</b>	BS-HRHPV-L-25	24	4
<b>High Risk:</b> HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	BS-HRHPV-L-100	60	
<b>Bio-Speedy Human Papillomavirus Genotyping qPCR Panel</b>			
<b>High Risk:</b> HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	BS-GHPV-L-25	12	8
<b>Low-Medium Risk:</b> HPV 6, 11, 26, 40, 42, 43, 44, 53, 54, 61, 69, 70, 73, 82	BS-GHPV-L-100	30	
<b>Bio-Speedy Human Papillomavirus qPCR Low-Medium Risk qPCR Panel</b>	BS-LMHPV-L-25	24	4
<b>Low-Medium Risk:</b> HPV 6, 11, 26, 40, 42, 43, 44, 53, 54, 61, 69, 70, 73, 82	BS-LMHPV-L-100	60	

\* Sample types may differ across kits. For further details, please refer to our website.

# GASTROINTESTINAL TRACT INFECTIONS

Sample Types\*: Stool, Rectal Swab

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy C. difficile Toxin A-B qPCR Kit</b>	BS-GE-CT-25	48	1
<b>Clostridium difficile Toxin:</b> Toxin A, Toxin B, Binary Toxin A/B	BS-GE-CT-100	96	
<b>Bio-Speedy Gastroenteritis RT-qPCR MX-24L Panel</b>			
<b>Virus:</b> Sapovirus GI/GII/GIV/GV, Adenovirus, Astrovirus, Norovirus GI/GII, Rotavirus A			
<b>Gram+ Bacteria:</b> <i>Clostridium difficile</i> Toxin A, <i>Clostridium difficile</i> Toxin B, <i>Clostridium difficile</i> Binary Toxin A/B	BS-GE-MX24L-25	12	8
<b>Gram- Bacteria:</b> <i>Plesiomonas shigelloides</i> , <i>Salmonella</i> spp., <i>Campylobacter</i> spp., <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> , <i>Vibrio vulnificus</i> , <i>Shigella</i> /Enteroinvasive <i>E. coli</i> (EIEC), Enteroaggregative <i>E. coli</i> (EAEC), <i>Shiga</i> -toxin producing <i>E. coli</i> (STEC), Enteropathogenic <i>E. coli</i> (EPEC), Enterotoxigenic <i>E. coli</i> (ETEC), <i>Yersinia enterocolitica</i>	BS-GE-MX24L-100	30	
<b>Parasite:</b> <i>Giardia lamblia</i> , <i>Entamoeba histolytica</i> , <i>Cryptosporidium</i> spp., <i>Cyclospora cayetanensis</i>			
<b>Bio-Speedy Gastroenteritis RT-qPCR MX-5L Viral Panel</b>			
<b>Virus:</b> Sapovirus (GI/GII/GIV/GV), Adenovirus Type F, Astrovirus, Norovirus (GI/GII), Rotavirus (A)	BS-GE-MX5L-25	48	2
	BS-GE-MX5L-100	96	
<b>Bio-Speedy Gastroenteritis qPCR MX-6L Parasitic Panel</b>			
<b>Parasite:</b> <i>Giardia lamblia</i> , <i>Entamoeba histolytica</i> , <i>Cryptosporidium</i> spp., <i>Dientamoeba fragilis</i> , <i>Blastocystis Hominis</i> , <i>Cyclospora cayetanensis</i>	BS-GE-MX6L-25	48	2
	BS-GE-MX6L-100	96	
<b>Bio-Speedy H.pylori/Clarithromycin Resistance qPCR Kit</b>			
<b>Bacteria:</b> <i>Helicobacter pylori</i> , <i>Clarithromycin</i> resistance	BS-HP-25	48	1

\* Sample types may differ across kits. For further details, please refer to our website.

## BONE & JOINT INFECTIONS

Sample Types\*: Synovial Fluid, Bone Tissue, Peri-Prosthetic Fluid

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Bone &amp; Joint qPCR Panel</b> <b>Gram+ Bacteria:</b> <i>Enterococcus faecium</i> , <i>Enterococcus faecalis</i> , <i>Staphylococcus aureus</i> , <i>Staphylococcus lugdunensis</i> , <i>Peptostreptococcus anaerobius</i> , <i>Parvimonas micra</i> , <i>Anaerococcus prevotii</i> , <i>Anaerococcus vaginalis</i> , <i>Finexgoldia magna</i> , <i>Streptococcus</i> spp., <i>Clostridium perfringens</i> <b>Gram- Bacteria:</b> <i>Pseudomonas aeruginosa</i> , <i>Proteus</i> spp., <i>Kingella kingae</i> , <i>Enterobacter cloacae</i> complex, <i>Escherichia coli</i> , <i>Bacteroides fragilis</i> , <i>Morganella morganii</i> , <i>Haemophilus influenzae</i> , <i>Salmonella</i> spp., <i>Serratia marcescens</i> , <i>Neisseria gonorrhoeae</i> , <i>Klebsiella aerogenes</i> , <i>Klebsiella pneumoniae</i> , <i>Citrobacter freundii</i> complex <b>Fungi:</b> <i>Candida</i> spp.	BS-BJ-L-25	30	8

## CENTRAL NERVOUS SYSTEM INFECTIONS

Sample Type\*: Cerebrospinal Fluid

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Meningitis/Encephalitis RT-qPCR MX-17L Panel</b> <b>Virus:</b> Herpes Simplex Virus 1, Herpes Simplex Virus 2, Human Herpesvirus 6, Human Herpesvirus 7, Human Herpesvirus 8, Human Parechovirus, Enterovirus, Varicella-Zoster Virus <b>Bacteria:</b> <i>Streptococcus pneumoniae</i> , <i>Streptococcus agalactiae</i> , <i>Listeria monocytogenes</i> , <i>Neisseria meningitidis</i> , <i>Haemophilus</i> <i>influenzae</i> , <i>Escherichia coli</i> K1 <b>Fungi:</b> <i>Cryptococcus gattii/neoformans</i>	BS-ME-MX17L-25 BS-ME-MX17L-100	12 30	6

\* Sample types may differ across kits. For further details, please refer to our website.

## SEPSIS

Sample Types\*: Whole Blood, Positive Blood Culture

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Sepsis qPCR MX-30L Panel</b>			
<b>Gram+ Bacteria:</b> <i>Staphylococcus aureus</i> , <i>Staphylococcus</i> spp., <i>Enterococcus faecium</i> , <i>Enterococcus faecalis</i> , <i>Streptococcus pneumoniae</i> , <i>Streptococcus</i> spp., <i>Listeria monocytogenes</i>			
<b>Gram- Bacteria:</b> <i>Pseudomonas aeruginosa</i> , <i>Klebsiella pneumoniae</i> , <i>Acinetobacter baumannii</i> , <i>Haemophilus influenzae</i> , <i>Klebsiella oxytoca</i> , <i>Pseudomonas</i> spp., <i>Enterobacteriaceae</i> , <i>Stenotrophomonas maltophilia</i> , <i>Escherichia coli</i> , <i>Neisseria meningitidis</i>			
<b>Fungi:</b> <i>Candida glabrata</i> , <i>Candida tropicalis</i> , <i>Candida krusei</i> , <i>Candida albicans</i> , <i>Candida parapsilosis</i>			
<b>Drug Resistance:</b> Carbapenem (OXA 48, KPC, NDM, VIM, IMP), Vancomycin (VanA, VanB), Methicillin (mecA+C)			
	BS-SE-MX30L-25	12	8
	BS-SE-MX30L-100	30	

## CANDIDA

Sample Types\*: Whole Blood, Positive Blood Culture, Urine, Synovial & Peri-Prosthetic Fluid, Bone Tissue

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Candida qPCR Panel</b>			
<b>Fungi:</b> <i>Candida parapsilosis</i> , <i>Candida krusei</i> , <i>Candida glabrata</i> , <i>Candida albicans</i> , <i>Candida tropicalis</i> , <i>Candida auris</i>			
	BS-CD-L-25	48	2

## ANTIBACTERIAL RESISTANCE

Sample Types\*: Whole Blood, Positive Blood Culture, Urine, Nasopharyngeal Aspirate, Sputum, Nasopharyngeal Swab

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy MRSA qPCR Kit</b>			
<b>Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA):</b> SCCmec-orfX junction (I, II, III, IVa, IVb, IVc, IVe, IVg, V, VI, VII, VIII);			
<b>Drug Resistance:</b> mecA/mecC			
<b>Bacteria:</b> <i>Staphylococcus aureus</i>			
	BS-MRSA-L-25	48	1
	BS-MRSA-L-100	96	

\* Sample types may differ across kits. For further details, please refer to our website.

## FEVER & RASH

**Sample Types\*:** Combined Nasopharyngeal and Oropharyngeal Swab, Urine, Whole Blood, Serum, Plasma, Skin Lesion Swab, Skin Lesion Crust, Rectal Swab, Nasopharyngeal Swab, Oropharyngeal Swab, Skin Lesion Fluid

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy Measles Virus Real-Time PCR Detection Kit</b> Virus: Measles virus	BS-MEV-DTC-320-25 BS-MEV-DTC-320-100	48 96	1
<b>Bio-Speedy Tropical Fever RT-qPCR Panel</b> Virus: Crimean-Congo Hemorrhagic Fever virus, Dengue virus, Ebola virus, Hantavirus, Mayaro virus, Rift Valley fever virus, West Nile virus, Zika virus, Yellow fever virus, Chikungunya virus, Japanese Encephalitis virus Bacteria: <i>Brucella</i> spp., <i>Coxiella burnetii</i> , <i>Burkholderia pseudomallei</i> , <i>Salmonella</i> spp., <i>Rickettsia</i> spp., <i>Leptospira</i> spp., <i>Streptococcus pneumoniae</i> Parasite: <i>Trypanosoma cruzi</i> , <i>Plasmodium</i> spp., <i>Leishmania</i> spp.	BS-TF-L-25 BS-TF-L-100	12 30	8
<b>Bio-Speedy Monkeypox Virus qPCR Kit</b> Virus: Monkeypox virus Clade I, Monkeypox virus Clade II	BS-MPV-25	48	1
<b>Bio-Speedy MPXV qPCR Kit</b> Virus: Monkeypox Virus	BS-MPXV-96	96	1

## HEMORRHAGIC FEVER

**Sample Types\*:** Whole Blood, Serum, Plasma

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy CCHFV RT-qPCR Detection Kit</b> Virus: Crimean-Congo Hemorrhagic Fever virus	CCHFVD0125 CCHFVD01100	48 96	1

## HIGH-RISK FEVER DISEASES

**Sample Types\*:** Whole Blood, Positive Blood Culture, Serum, Plasma

Product / Target	Catalog No	Pack Size	Well #
<b>Bio-Speedy West Nile Virus Real-Time PCR Detection Kit</b> Virus: West Nile virus	BS-BNV-DTC-322-25 BS-BNV-DTC-322-100	48 96	1
<b>Bio-Speedy Plasmodium qPCR Panel</b> Parasite: <i>Plasmodium falciparum</i> , <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> , <i>Plasmodium vivax</i> , <i>Plasmodium knowlesi</i>	BS-PM-L-25 BS-PM-L-100	48 96	2

\* Sample types may differ across kits. For further details, please refer to our website.

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**BİOEKSEN AR GE TEKNOLOJİLERİ A.Ş.**

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