

2024

# HUMAN HEALTH

PRODUCT CATALOG

VITROSENS



**IN**  
**TEST**  
WE  
TRUST

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# ABOUT US

## | Our Story |

Vitrosens Biotechnology headquartered in Türkiye, by a group of entrepreneurs with a successful track record in building and scaling diagnostics and global health businesses. The company is a leading diagnostics firm committed to advancing science and improving the world through innovative technologies and groundbreaking research.



Our company operates the largest rapid test kit facility in Türkiye, and our manufacturing processes are carried out under EN ISO 9001: 2015 and ISO 13485: 2016 compliant quality systems. The company's success is founded on our expertise in molecular biology, genetics, biochemistry, in-vitro-diagnostic (IVD), immunology, and point-of-care testing (POCT).



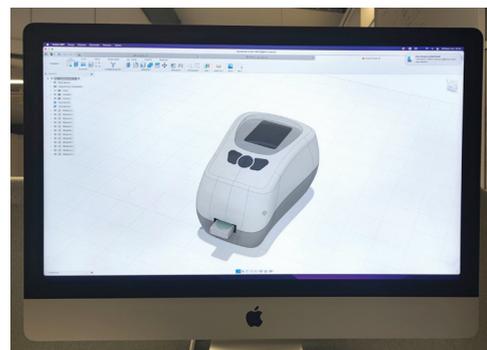
## | Why Vitrosens? |

- Broad Test Spectrum
- Innovative IVD Products
- Experienced R&D and P&D Team
- Central Location- Fast Delivery to All The World
- Daily Production Capacity: 500.000 Tests
- 10.000 m<sup>2</sup> Production Area
- Environmentally Friendly

## | Our Solutions |

We have set ourselves a target to take a part in every field of human health and animal health.

- Rapid Test Kits Development
- Molecular Products Development
- Diagnostic Device Development
- OEM (Original Equipment Manufacturer)
- ODM (Original Design Manufacturer)



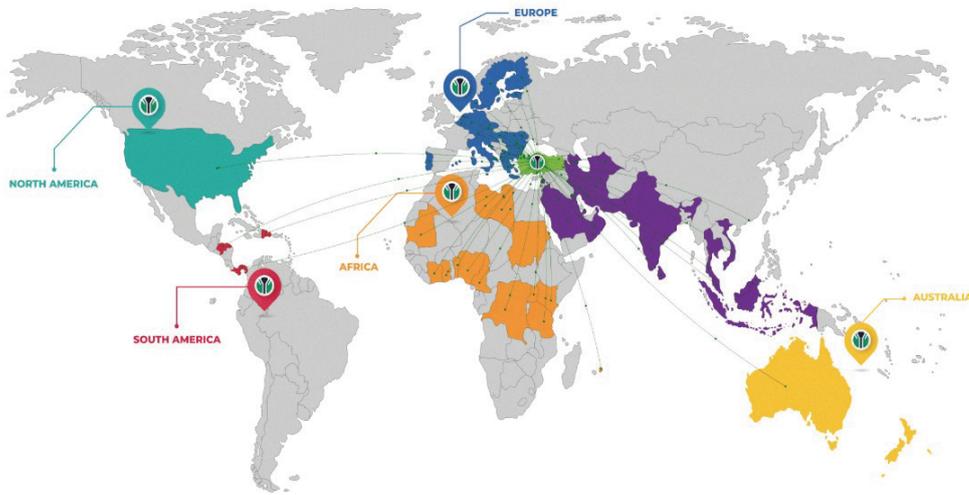
## | Global Presence |

**+50**  
Countries Worldwide

**6**  
Continents

**+250**  
Partner Companies

**+50M**  
Total Tests



## | Our Brands |

We have created many sub-brands to provide better and faster service. These brands are;

**RapidFor**<sup>TM</sup>

**FIAPro**

**DRUGFOR**

**VetFor**<sup>TM</sup>  
ANIMAL CARE

**VNFOR**

**VTFOR**

**CHAINFOR**

**CHAINPRO**

**LyoSens**<sup>TM</sup>

**MagFast**

**MagPro**

**VIRASENS**

# SEXUALLY TRANSMITTED DISEASES

## Anti-Syphilis Rapid Test Kit

Test kit is a simple immunoassay test enabling qualitative syphilis screening in human serum, plasma, and whole blood samples.



### Advantages

- Facilitates early detection and immediate treatment
- Prevents transmitting the infection
- Hinders the emergence of long-term complications and unfavorable outcomes of pregnancy
- Easy sampling, simple procedure
- Easily readable results

## Sexually Transmitted Diseases All Products

Ref. No	Name	Kit Size	Certificates
VMD01	Anti-HAV IgM Rapid Test Kit	25 T	CE
VMD02	Anti-HBs Rapid Test Kit	25 T	CE
VMD03	Anti-HCV Rapid Test Kit	25 T	ISO
VMD04	Anti-Syphilis Rapid Test Kit	25 T	CE
VMD10	HBsAg Rapid Test Kit	25 T	ISO
VMD11	HBsAg/Anti-HIV (1/2) Combo Rapid Test Kit	25 T	ISO
VMD12	Anti-HIV (1/2) Rapid Test Kit	25 T	ISO
VMD13	Anti-HIV 1/2 Oral Fluid Rapid Test Kit	25 T	ISO
VMD14	HIV Ag/Ab Combo Rapid Test Kit	25 T	ISO
VMD30	Chlamydia trachomatis Rapid Test Kit	25 T	ISO
VMD31	HIV 1/2 & Syphilis Combo Rapid Test Kit	25 T	ISO
VMD32	HIV/Syphilis Rapid Test Kit	25 T	ISO
VMD33	HBsAg/HCV/HIV/TP Rapid Test Kit	25 T	ISO
VMD34	HIV Ab/Ag & Syphilis Combo Rapid Test Kit	25 T	ISO
VMD39	Neisseria gonorrhoeae Rapid Test Kit	25 T	FDA, MHRA
VMD100	HIV1/2 & Syphilis Combo Test Kit	25 T	ISO
VMD102	HSV-1 IgG/IgM Rapid Test Kit	25 T	ISO
VMD103	HSV-2 IgG/IgM Rapid Test Kit	25 T	ISO
VMD105	HEV IgM Rapid Test Kit	25 T	ISO
VMD109	Chlamydia + Gonorrhoea Combo Test Kit	25 T	ISO
VMD114	Trichomonas vaginalis Rapid Test Kit	25 T	CE

# RESPIRATORY DISEASES

## SARS-CoV-2 & FLU A/B & RSV Combo Rapid Test Kit

It is created for *in vitro* differentiative detection of SARS-CoV-2 & FLU A/B & RSV antigens in human nasopharyngeal swab samples.



### Advantages

- Simultaneously detects and differentiates SARS-CoV-2, Influenza A/B, and RSV
- Excellent sensitivity
- Easy-to-follow procedure
- Accurate and sensitive result
- Result available within 15 minutes
- Already filled tube

### Respiratory Diseases All Products

Ref. No	Name	Kit Size	Certificates
VMD17	Influenza A/B Rapid Test Kit	25 T	CE, MHRA
VMD36	Strep A Rapid Test Kit	25 T	CE, MHRA, FDA
VMD37	Anti-Tuberculosis (TB) Rapid Test Kit	25 T	CE, MHRA
VMD65	Mycoplasma pneumoniae Ab Rapid Test Kit	25 T	CE
VMD66	RSV Rapid Test Kit	25 T	CE, MHRA, FDA
VMD71	SARS-CoV-2 + Flu A/B + RSV Combo Rapid Test Kit	25 T	CE
VMD71ST	SARS-CoV-2 + Flu A/B + RSV Combo Rapid Test Kit (Nasal)	1/2/5 T	TGA
VMD77	FLU A/B & RSV Combo Test Kit	25 T	CE, MHRA
VMD78	FLU A/B & RSV & ADV Combo Test Kit	25 T	CE
VMD79	SARS-CoV-2 + Flu A/B + RSV+ADV Combo Test Kit	20 T	CE
VMD80	SARS-CoV-2+RSV Combo Test Kit	25 T	CE
VMD81	SARS-CoV-2 + FLUA/B + RSV + ADV + M. Pneumoniae Combo Test Kit	25 T	CE
VMD82	Mycoplasma pneumoniae Ag Rapid Test Kit	25 T	CE, FDA
VMD83	ADV Resp. Rapid Test Kit	25 T	CE, FDA
VMD92	Legionella pneumophila Rapid Test Kit	25 T	CE
VMD95	RSV + ADV Resp. Combo Test Kit	25 T	CE, MHRA, FDA
VMD101	ADV + M. pneumoniae Combo Test Kit	25 T	CE
VMD110	Streptococcus pneumoniae Rapid Test Kit	25 T	CE
VMD112	RSV/Adeno Rapid Test Kit	25 T	CE
VMD108	Enterovirus 71 IgM Rapid Test Kit	25 T	CE
VSCD01	SARS-CoV-2 IgG/IgM Test Kit	25 T	CE
VSCD02	SARS-CoV-2 Rapid Antigen Test Kit	25 T	CE
VSCD05	SARS-CoV-2 Saliva Antigen Test Kit	25 T	CE
VSCD08	SARS-CoV-2 & FLU A/B Rapid Antigen Test Kit	25 T	CE
VSCD10	SARS-CoV-2 & FLU A/B Antigen Combo Test Kit	25 T	CE, TGA
VSCD10ST	SARS-CoV-2 & FLU A/B Antigen Combo Test Kit (Nasal)	1/2/5 T	CE, TGA

# GASTROINTESTINAL DISEASES

## H.Pylori Ag Rapid Test Kit

This test kit serves for the qualitative detection of *H. pylori* antigen in human fecal samples.



### Advantages

- Assists to the diagnosis of *H. pylori* infection, to check the effectiveness of treatment and to confirm the eradication of *H. pylori* in patients
- The diet of the patient does not affect the result
- Minimized contamination risk
- Accurate and rapid results
- Simple and safe specimen collection

## Gastrointestinal All Products

Ref. No	Name	Kit Size	Certificates
VMD16	H.Pylori Ag Rapid Test Kit	20 T	CE, MHRA
VMD24	Rotavirus Rapid Test Kit	20 T	CE, MHRA
VMD25	Rota + Adeno Virus Rapid Test Kit	20 T	CE
VMD27	Salmonella Typhi Rapid Test Kit	20 T	CE, MHRA, FDA
VMD35	H.Pylori Ab Rapid Test Kit	25 T	CE, MHRA, FDA
VMD40	Adenovirus Rapid Test Kit	20 T	CE, MHRA, FDA
VMD41	Norovirus Rapid Test Kit	20 T	CE, MHRA, FDA
VMD42	Astrovirus Rapid Test Kit	20 T	CE
VMD67	Giardia Lamblia Rapid Test Kit	20 T	CE, MHRA, FDA
VMD68	Cryptosporidium Rapid Test Kit	20 T	CE, MHRA, FDA
VMD69	Entamoeba Rapid Test Kit	20 T	CE, FDA
VMD75	Rota/Adeno Rapid Test Kit	20 T	CE
VMD84	Rota/Adeno + Norovirus Combo Test Kit	20 T	CE
VMD87	Cholera O1/O139 Rapid Combo Test Kit	20 T	CE
VMD88	Clostridium Difficile GDH Rapid Test Kit	20 T	CE, FDA
VMD89	Clostridium Difficile Toxin A + B Rapid Test Kit	20 T	CE, FDA
VMD91	Rota + Adeno + Noro + Astrovirus Combo Ag Test Kit	20 T	CE
VMD93	Rota + Adeno + Norovirus Combo Test Kit	20 T	CE
VMD94	Crypto + Giardia + Entamoeba Combo Test Kit	20 T	CE
VMD96	Clostridium Difficile GDH + Toxin A + B Combo Test Kit	20 T	CE, FDA
VMD107	Crypto + Giardia Combo Test Kit	20 T	CE

# TROPICAL DISEASES

## Dengue NS1 Ag Rapid Test Kit

This test kit is specifically designed for qualitative determination of Dengue Virus NS1 antigen in human serum, plasma, and whole blood samples.



### Advantages

- Effective screening of Dengue NS1 antigen early on onset of symptoms
- Fast and clear results
- No reverse migration
- Simplified procedure
- High rates of sensitivity

### Tropical All Products

Ref. No	Name	Kit Size	Certificates
VMD05	Chikungunya IgM Rapid Test Kit	25 T	CE
VMD06	Dengue IgG/IgM & NS1 Combo Rapid Test Kit	25 T	CE, MHRA
VMD08	Dengue NS1 Ag Rapid Test Kit	25 T	CE, MHRA
VMD20	Malaria P.F Rapid Test Kit	25 T	CE
VMD21	Malaria P.F/Pan Rapid Test Kit	25 T	CE, MHRA
VMD22	Malaria P.F/P.V Rapid Test Kit	25 T	CE
VMD29	Typhoid IgG/IgM Rapid Test Kit	25 T	CE, MHRA
VMD38	Dengue IgG/IgM Rapid Test Kit	25 T	CE, MHRA
VMD43	Zika IgM Rapid Test Kit	25 T	CE
VMD52	Chikungunya IgG/IgM Rapid Test Kit	25 T	CE
VMD113	Leishmania Ab Rapid Test Kit	25 T	CE

# TUMOR MARKERS

## FOB Rapid Test Kit

Test kit is created for the qualitative detection of human Hemoglobin (hHB) in human fecal samples. It enables early detection of lower gastrointestinal disorders, such as colorectal cancers and adenomas.

### Advantages

- Detects low levels of fecal occult blood (hHB  $\geq$  50 ng/mL)
- Results are not affected by the diet of the patient
- Effective design to minimize contamination risk
- Accurate and rapid results
- Uses minimal sample volume



## Tumor Markers All Products

Ref. No	Name	Kit Size	Certificates
VMD09	FOB Rapid Test Kit	20 T	CE, TGA
VMD44	AFP Rapid Test Kit	25 T	CE
VMD45	CEA Rapid Test Kit	25 T	CE
VMD46	PSA Rapid Test Kit	25 T	ISO
VMD70	FOB + Transferrin Rapid Test Kit	20 T	CE, MHRA
VMD76	Ultra FOB Rapid Test Kit	20 T	CE

# FERTILITY

## hCG Rapid Test Kit

This test kit is designed for enabling determination of human chorionic gonadotropin (hCG) in human urine samples.



### Advantages

- Aids in the early detection of pregnancy
- Accurate results as early as the first day of a missed period
- Two types of test procedure options
- Instant and accurate results
- Safe and minimal design

## Fertility All Products

Ref. No	Name	Kit Size	Certificates
VMD59	hCG Rapid Test Kit	50 S	CE, MHRA
VMD61	Ovulation LH Rapid Test Kit	50 S	CE, FDA
VMD104	hCG + LH Rapid Combo Test Kit	50 S	CE
VMD86	FSH Rapid Test Kit	25 T	CE, FDA

# CARDIAC MARKERS

## Troponin I Rapid Test Kit

This test kit is an immunoassay for the qualitative detection of cardiac Troponin I (cTnI) protein in human serum, plasma, and whole blood samples.



### Advantages

- Aids in the diagnosis of myocardial ischemia, myocardial infarction, and ACS
- Safe and simple procedure
- All you need is in the box
- Fast and accurate results
- Simple, clear, and visual interpretation

## Cardiac Markers All Products

Ref. No	Name	Kit Size	Certificates
VMD49	Troponin I Rapid Test Kit	25 T	CE
VMD50	Myoglobin Rapid Test Kit	25 T	CE
VMD51	CK-MB Rapid Test Kit	25 T	CE
VMD55	CK-MB/Myo/Troponin I Rapid Test Kit	25 T	CE

# OTHERS

## Vitamin – D

### Rapid Test Kit

This test kit is an immunochromatographic assay for the semi-quantitative detection of total Vitamin-D in human whole blood samples.



#### Advantages

- Suitable for use of people suspecting low Vitamin D levels
- Everything you need in the box
- Results are ready in minutes
- Safe and accurate
- For screening Vitamin D levels as deficient, insufficient or sufficient

### Vitamin All Product

Ref. No	Name	Kit Size	Certificates
VMD26	Rubella IgG/IgM Rapid Test Kit	25 T	CE
VMD28	Toxo IgG/IgM Rapid Test Kit	25 T	CE
VMD47	PCT Rapid Test Kit	25 T	CE
VMD48	CRP Rapid Test Kit	25 T	CE
VMD64	Vitamin-D Rapid Test Kit	25 T	CE
VMD85	Vitamin B-12 Rapid Test Kit	25 T	CE
VMD97	Ferritin Rapid Test Kit	25 T	CE
VMD98	TSH Rapid Test Kit	25 T	CE

# DRUGS OF ABUSE

## Cotinine (COT) Rapid Test Kit

This test kit is intended for the *in vitro* semi-quantitative detection of cotinine (COT) in urine samples.



### Advantages

- Excellent marker of tobacco consumption and nicotine use
- Semi-quantitative, easy-to-read results in 5 minutes
- High sensitivity and specificity
- Simple, non-invasive, one-step procedure
- Detects cotinine (COT) for 2- 4 days following the last tobacco consumption

### DOA All Products

Ref. No	Target	Kit Size	Certificates
VDDOA08	Amphetamine (AMP) Rapid Test Kit	25 T	CE
VDDOA09	Barbiturates (BAR) Rapid Test Kit	25 T	CE
VDDOA10	Buprenorphine (BUP) Rapid Test Kit	25 T	CE
VDDOA11	Benzodiazepines (BZO) Rapid Test Kit	25 T	CE
VDDOA12	Cocaine (COC) Rapid Test Kit	25 T	CE
VDDOA13	Cotinine (COT) Rapid Test Kit	25 T	CE
VDDOA14	2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP) Rapid Test Kit	25 T	CE
VDDOA15	Ethyl Glucuronide (ETG) Rapid Test Kit	25 T	CE
VDDOA16	Fentanyl (FTY) Rapid Test Kit	25 T	CE
VDDOA17	Synthetic Cannabinoid (K2) Rapid Test Kit	25 T	CE
VDDOA18	Ketamine HCl (KET) Rapid Test Kit	25 T	CE
VDDOA19	Methylenedioxy Methamphetamine (MDMA) Rapid Test Kit	25 T	CE
VDDOA20	Methamphetamine (MET) Rapid Test Kit	25 T	CE
VDDOA21	Morphine (MOP) Rapid Test Kit	25 T	CE
VDDOA22	Methadone (MTD) Rapid Test Kit	25 T	CE
VDDOA23	Opiate (OPI) Rapid Test Kit	25 T	CE
VDDOA24	Oxycodone (OXY) Rapid Test Kit	25 T	CE
VDDOA25	Phencyclidine (PCP) Rapid Test Kit	25 T	CE
VDDOA26	Propoxyphene (PPX) Rapid Test Kit	25 T	CE
VDDOA27	Tricyclic Antidepressants (TCA) Rapid Test Kit	25 T	CE
VDDOA28	Marijuana (THC) Rapid Test Kit	25 T	CE
VDDOA29	Tramadol (TRA) Rapid Test Kit	25 T	CE
VDDOA30	Fentanyl Rapid Test Kit	25 T	CE

\*U: Urine

## Urine Multi-Drug Test Cup

It is created for the semi-quantitative detection of total 18 from listed 26 drugs and drug metabolites simultaneously by using human urine samples.

### Advantages

- One-step procedure
- Ergonomic design
- Results are appropriate to be photocopied
- Results within 60 seconds for negative samples
- Maximized accuracy



### Drugs and drug metabolites we can screen

Drug	Description	Cut-off (ng/mL) for Urine Sample
AMP	Amphetamine	500
BAR	Barbiturates	200
BUP	Buprenorphine	10
BZO	Benzodiazepines	300
COC	Cocaine	300
EDDP	EDDP	100
FYL	Fentanyl	20
K2	Synthetic Cannabis	20
KET	Ketamine	1000
MOP	Morphine	300
MDMA	Methylenedioxyamphetamine amine - ecstasy	500
MET	Methamphetamine	500
MQL	Methaqualone	300
MTD	Methadone	300
OXY	Oxycodone	100
PCP	Phencyclidine	25
PPX	Propoxyphene	300
TCA	Tri-cyclic Antidepressants	300
THC	Marijuana	50
TRA	Tramadol	100
ETG	Ethylglucuronide	500
OPI	Opiate	2000
LSD	Lysergic acid diethylamide	10
AB-PINACA	AB-PINACA	10
UR-144	UR-144	25
6-MAM	6-Monoacetylmorphine	10
PGB	Pregabalin	500
MDPV	Methylenedioxypyrovalerone	300
MEP	Mephedrone	100
MAMP	Methamphetamine	1000
CAR	Carisprodal	2000

Ref. No	Name	Kit Size	Certificates
VDDOA02	Urine Multi-Drug Test Cup	25 T	CE

## Saliva Multi-Drug Test Cup

It is created for the semi-quantitative detection of total 12 from listed 16 drugs and drug metabolites simultaneously by using human oral fluid samples.

### Advantages

- One-step procedure
- Rapid results
- Clear interpretation
- All required material in box
- Compact design



### Drugs and drug metabolites we can screen

Drug	Description	Cut-off (ng/mL) for Oral Fluid Sample
AMP	Amphetamine	50
BAR	Barbiturates	50
BZO	Benzodiazepines	50
BUP	Buprenorphine	10
COC	Cocaine	20
THC	Marijuana	20
MET	Methamphetamine	50
MTD	Methadone	50
MDMA	MDMA Ecstasy	50
MOP	Morphine	40
OXY	Oxycodone	20
PCP	Phencyclidine	20
PPX	Propoxyphene	50
TCA	Tricyclic Antidepressants	100
OPI	Opiate	10
MAMP	Methamphetamine	50

Ref. No	Name	Kit Size	Certificates
VDDOA04	Saliva Multi-Drug Test Cup	25/50T	CE, FDA



Notes:.....

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