



Cowin Gene

Cowingene Product Catalogue

Innovating Diagnostics for a Healthier Future

COWINGENE

Cowin Gene is a leading developer and manufacturer of Point of Care Testing (POCT) in vitro diagnostic reagents. The company specializes in developing and delivering rapid, convenient and accurate molecular diagnostic solutions to meet the needs of the global healthcare market.



High Sensitivity



High Specificity



High Accuracy



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Molecular POCT

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Conventional PCR

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NATBox System Mini II

Molecular point-of-care-test

 Fully automated

 Sample in Result out

 Fast & Portable



Product parameters



Model	Mini II	
Throughput	2	
Extraction	Magnetic beads	
Fluorescence channel	FAM, VIC, ROX, CY5	
Time to results	50–80mins	
Weight	1.8kg	
Dimension	130mm*130mm*120mm	
Temperature Range	30–99℃	
Heating rate	5℃/s	
Cooling rate	2.5℃/s	
Temperature Accuracy	±0.1℃	
Technology principle	Fluorescence PCR (qPCR, Melting Curve on develop)	
Signal interface	USB , Bluetooth	
Power supply	Portable charger compatible	
Ambient	Working conditions: Ambient temperature: 10~35℃ Storage conditions: Ambient temperature: -20~55℃	Humidity: 20~80% Humidity: 20~80%
Strategy	Maintenance-free	
Sample type	Plasma, Serum, Whole blood, CSF, Sputum, Bronchial washing, Cultured cell, Human stool, Vomitus, Nasopharyngeal swab, Nasopharyngeal aspirate, Throat swab, Cervical swab, Anorectal swab, Urine, Vaginal swab, etc.	

Test Procedure



Test menu



REF.	Product Name	Package	Certificate
Human Papillomavirus Infections 			
HP01023W	Cowingene HPV (2+16) Detection Kit (16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 73,82) 	24T	CE
HP02023W	Cowingene HPV (2+12) Detection Kit (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68) 	24T	CE
HP09023W	Cowingene HPV 16/18 Detection Kit	24T	CE
HP10023W	Cowingene HPV 16/18/45 Detection Kit	24T	CE
HP11023W	Cowingene HPV 6/11 Detection Kit	24T	CE

Sexually Transmitted Infections 			
ST02013W	Cowingene Chlamydia Trachomatis Detection Kit	24T	RUO
ST03013W	Cowingene Chlamydia Trachomatis and Neisseria Gonorrhoeae Detection Kit	24T	RUO
ST04013W	Cowingene Chlamydia Trachomatis, Neisseria Gonorrhoeae and Trichomonas Vaginalis Detection Kit	24T	RUO
ST05013W	Cowingene Herpes Simplex Virus 1/2 Detection Kit 	24T	CE
ST06013W	Cowingene Group B Streptococcus Detection Kit	24T	CE
ST07013W	Cowingene Monkeypox Virus Detection Kit	24T	CE
ST08013W	Cowingene Monkeypox Virus Typing Detection Kit	24T	CE
ST12023W	Cowingene Mycoplasma Genitalium and Mycoplasma Hominis Detection Kit 	24T	CE
ST14023W	Cowingene STI Multiplex Detection Kit–STI 3 (CT, NG, TV) 	24T	CE
ST15023P	Cowingene STI Multiplex Detection Kit–STI 6 (CT, NG, MH, MG, UU, TV) 	12T	CE

Respiratory Infections 			
RP03023W	Cowingene Influenza A/B and RSV Detection Kit	24T	CE
RP05023W	Cowingene Respiratory Syncytial Virus Detection Kit	24T	CE
RP06023W	Cowingene Influenza A/B Detection Kit	24T	CE
RP07023W	Cowingene Chlamydophila Pneumoniae Detection Kit	24T	CE
RP08023W	Cowingene Mycoplasma Pneumoniae Detection Kit	24T	CE
RP11023W	Cowingene SARS–CoV–2 & Influenza A/B Detection Kit	24T	CE

Tuberculosis Infections 			
TB01023W	Cowingene Mycobacterium Tuberculosis Detection Kit	24T	CE
TB02023W	Cowingene MTB and NTM Detection Kit	24T	CE

Gastrointestinal Infections 			
GI03023W	Cowingene Enterovirus Detection Kit	24T	CE
GI04023W	Cowingene Enterovirus Universal, EV71 and CoxA16 Detection Kit	24T	CE
GI05023P	Cowingene Diarrhea Virus Panel 6 Detection Kit	12T	CE

Mosquito-borne Arboviral/Tropical / Zoonoses Infections 			
FE01023W	Cowingene Dengue Virus, Zika Virus and Chikungunya Virus Detection Kit	24T	CE

Immunocompromised / Transplant / Neuroinfections 			
NI01023W	Cowingene Cytomegalovirus Detection Kit	24T	RUO
NI02023W	Cowingene Epstein-Barr Virus (EBV) Detection Kit	24T	CE
NI03023W	Cowingene Varicella-Zoster Virus (VZV) Detection Kit	24T	CE
NI05023W	Cowingene BK virus and JC virus Detection Kit	24T	CE
NI06023W	Cowingene Borrelia Burgdorferi Detection Kit	24T	CE
NI09023W	Cowingene Parvovirus B19 Detection Kit	24T	CE

Pharmacogenetics / Antibiotic Resistance / Bloodborne Infections 			
HG01023W	Cowingene Human Leukocyte Antigen B27 Detection Kit	24T	CE
HG06023W	Cowingene MRSA/SA Detection Kit	24T	CE

A person wearing a white lab coat and a dark earring is using a blue pipette to add a small amount of purple liquid into a clear microcentrifuge tube. The background is a solid blue color. The text 'Cowingene PCR Reagent' is overlaid on the left side of the image.

Cowingene PCR Reagent

✓ Liquid

✓ Lyophilized



Human Papillomavirus Infections

REF.	Product Name	Target	Package	Certificate	Character
HP01021X	Cowingene HPV (2+16) Detection Kit	16,18,(26,31,33,35,39 45,51,52,53,56,58,59 66,68,73,82)	48tests/kit	CE	liquid
HP01022X	Cowingene HPV (2+16) Detection Kit		48tests/kit	CE	lyophilized
HP02021X	Cowingene HPV (2+12) Detection Kit	16,18,(31,33,35,39,45,51 52,56,58,59,66,68)	48tests/kit	CE	liquid
HP02022X	Cowingene HPV (2+12) Detection Kit		48tests/kit	CE	lyophilized
HP08021X	Cowingene HPV (3+15) Detection Kit	16,18,52,(26,31,33,35 39,45,51,53,56,58,59 66,68,73,82)	48tests/kit	RUO	liquid
HP08022X	Cowingene HPV (3+15) Detection Kit		48tests/kit	RUO	lyophilized
HP11021X	Cowingene HPV 6/11Detection Kit	6, 11	48tests/kit	RUO	liquid
HP03021V	Cowingene HPV 15 Genotyping Detection Kit	16,18,31,33,35,39,45 51,52,56,58,59,66,68	20tests/kit	CE	liquid
HP03022U	Cowingene HPV 15 Genotyping Detection Kit		16tests/kit	CE	lyophilized
HP04021V	Cowingene HPV 28 Genotyping Detection Kit	6,11,16,18,26,31,33,35 39,40,42,43,44,45,51,52 53,55,56,58,59,61,66,68 73,81,82,83	20tests/kit	CE	liquid
HP04022S	Cowingene HPV 28 Genotyping Detection Kit		8tests/kit	CE	lyophilized
HP12021X	Cowingene HPV Genotyping Detection Kit	6,11,16,18,(31,33,35 39,45,51,52,56,58 59,66,68)	48 tests/kit	CE	liquid

Sexually Transmitted Infections



REF.	Product Name	Target	Package	Certificate	Character
ST01021V	Cowingene 14 Kinds of Sexually Transmitted Infection Detection Kit	CT, NG, Mh, HSV1, UU HSV2, UP, Mg, CA, GV TV, GBS, HD, TP	20tests/kit	CE	liquid
ST01022U	Cowingene 14 Kinds of Sexually Transmitted Infection Detection Kit		16tests/kit	CE	lyophilized
ST14021X	Cowingene STI Multiplex Detection Kit–STI 3	CT, NG, TV	48tests/kit	CE	liquid
ST14022X	Cowingene STI Multiplex Detection Kit–STI 3		48tests/kit	CE	lyophilized
ST13021W	Cowingene STI Multiplex Detection Kit–STI 7	CT, NG, MH, MG UU, UP, TV	24tests/kit	CE	liquid
ST13022U	Cowingene STI Multiplex Detection Kit–STI 7		16tests/kit	CE	lyophilized
ST02011X	Cowingene Chlamydia Trachomatis Detection Kit		48tests/kit	RUO	liquid
ST02012X	Cowingene Chlamydia Trachomatis Detection Kit		48tests/kit	RUO	lyophilized
ST03011X	Cowingene Chlamydia Trachomatis and Neisseria Gonorrhoeae Detection Kit		48tests/kit	RUO	liquid
ST03012X	Cowingene Chlamydia Trachomatis and Neisseria Gonorrhoeae Detection Kit		48tests/kit	RUO	lyophilized
ST04011X	Cowingene Chlamydia Trachomatis, Neisseria Gonorrhoeae and Trichomonas Vaginalis Detection Kit		48tests/kit	RUO	liquid
ST04012X	Cowingene Chlamydia Trachomatis, Neisseria Gonorrhoeae and Trichomonas Vaginalis Detection Kit		48tests/kit	RUO	lyophilized
ST05011X	Cowingene Herpes Simplex Virus 1/2 Detection Kit		48tests/kit	CE	liquid
ST05012X	Cowingene Herpes Simplex Virus 1/2 Detection Kit		48tests/kit	CE	lyophilized
ST06011X	Cowingene Group B Streptococcus Detection Kit		48tests/kit	CE	liquid
ST06012X	Cowingene Group B Streptococcus Detection Kit		48tests/kit	CE	lyophilized
ST07011X	Cowingene Monkeypox Virus Detection Kit		48tests/kit	CE	liquid
ST07012X	Cowingene Monkeypox Virus Detection Kit		48tests/kit	CE	lyophilized
ST08011X	Cowingene Monkeypox Virus Typing Detection Kit		48tests/kit	CE	liquid
ST08012X	Cowingene Monkeypox Virus Typing Detection Kit		48tests/kit	CE	lyophilized
ST09011X	Cowingene Ureaplasma Urealyticum Detection Kit		48tests/kit	CE	liquid
ST09012X	Cowingene Ureaplasma Urealyticum Detection Kit		48tests/kit	CE	lyophilized

Respiratory Infections



REF.	Product Name	Package	Certificate	Character
RP03021X	Cowingene Influenza A/B and RSV Detection Kit	48tests/kit	CE	liquid
RP03022X	Cowingene Influenza A/B and RSV Detection Kit	48tests/kit	CE	lyophilized
RP11021X	Cowingene SARS-CoV-2 & Influenza A/B Detection Kit	48tests/kit	CE	liquid
RP11022X	Cowingene SARS-CoV-2 & Influenza A/B Detection Kit	48tests/kit	CE	lyophilized
RP04021X	Cowingene SARS-Cov-2, Influenza A/B and RSV Detection Kit	48tests/kit	CE	liquid
RP04022X	Cowingene SARS-Cov-2, Influenza A/B and RSV Detection Kit	48tests/kit	CE	lyophilized
RP14021W	Cowingene Respiratory Pathogen Panel Detection Kit *	24tests/kit	CE	liquid
RP14022U	Cowingene Respiratory Pathogen Panel Detection Kit *	16tests/kit	CE	lyophilized
RP05021X	Cowingene Respiratory Syncytial Virus Detection Kit	48tests/kit	CE	liquid
RP05022X	Cowingene Respiratory Syncytial Virus Detection Kit	48tests/kit	CE	lyophilized
RP06021X	Cowingene Influenza A/B Detection Kit	48tests/kit	CE	liquid
RP06022X	Cowingene Influenza A/B Detection Kit	48tests/kit	CE	lyophilized
RP07021X	Cowingene Chlamydia Pneumoniae Detection Kit	48tests/kit	CE	liquid
RP07022X	Cowingene Chlamydia Pneumoniae Detection Kit	48tests/kit	CE	lyophilized
RP08021X	Cowingene Mycoplasma Pneumoniae Detection Kit	48tests/kit	CE	liquid
RP08022X	Cowingene Mycoplasma Pneumoniae Detection Kit	48tests/kit	CE	lyophilized
RP09021X	Cowingene Legionella Pneumophila Detection Kit	48tests/kit	CE	liquid
RP09022X	Cowingene Legionella Pneumophila Detection Kit	48tests/kit	CE	lyophilized
RP10021X	Cowingene Middle East Respiratory Syndrome Coronavirus Detection Kit	48tests/kit	CE	liquid
RP10022X	Cowingene Middle East Respiratory Syndrome Coronavirus Detection Kit	48tests/kit	CE	lyophilized

*Targets: Flu A/Flu B/MPV/RSV/AdV/MP/SARS-Cov-2

Tuberculosis Infections



REF.	Product Name	Package	Certificate	Character
TB01021X	Cowingene Mycobacterium Tuberculosis Detection Kit	48tests/kit	CE	liquid
TB01022X	Cowingene Mycobacterium Tuberculosis Detection Kit	48tests/kit	CE	lyophilized
TB02021X	Cowingene MTB and NTM Detection Kit	48tests/kit	CE	liquid
TB02022X	Cowingene MTB and NTM Detection Kit	48tests/kit	CE	lyophilized

Gastrointestinal Infections



REF.	Product Name	Package	Certificate	Character
GI01021X	Cowingene Norovirus Detection Kit	48tests/kit	CE	liquid
GI01022X	Cowingene Norovirus Detection Kit	48tests/kit	CE	lyophilized
GI02021X	Cowingene Vibrio Cholerae O1 and Enterotoxin Gene Detection Kit	48tests/kit	CE	liquid
GI02022X	Cowingene Vibrio Cholerae O1 and Enterotoxin Gene Detection Kit	48tests/kit	CE	lyophilized
GI03021X	Cowingene Enterovirus Detection Kit	48tests/kit	CE	liquid
GI03022X	Cowingene Enterovirus Detection Kit	48tests/kit	CE	lyophilized
GI04021X	Cowingene Enterovirus Universal, EV71 and CoxA16 Detection Kit	48tests/kit	CE	liquid
GI04022X	Cowingene Enterovirus Universal, EV71 and CoxA16 Detection Kit	48tests/kit	CE	lyophilized
GI05021W	Cowingene Diarrhea Virus Panel 6 Detection Kit *	24tests/kit	CE	liquid
GI05022U	Cowingene Diarrhea Virus Panel 6 Detection Kit *	16tests/kit	CE	lyophilized

*Targets: Norovirus–GI/Norovirus–GII/Rotavirus Group 4/Sapovirus/Adenovirus/Astrovirus

Mosquito-borne Arboviral Tropical / Zoonoses Infections



REF.	Product Name	Package	Certificate	Character
FE01021X	Cowingene Dengue Virus, Zika Virus and Chikungunya Virus Detection Kit	48tests/kit	CE	liquid
FE01022X	Cowingene Dengue Virus, Zika Virus and Chikungunya Virus Detection Kit	48tests/kit	CE	lyophilized
FE02021X	Cowingene Dengue Virus I/II/III/IV Detection Kit	48tests/kit	CE	liquid
FE02022X	Cowingene Dengue Virus I/II/III/IV Detection Kit	48tests/kit	CE	lyophilized
FE03021X	Cowingene Plasmodium Detection Kit	48tests/kit	CE	liquid
FE03022X	Cowingene Plasmodium Detection Kit	48tests/kit	CE	lyophilized
FE04021X	Cowingene Yellow Fever Virus Detection Kit	48tests/kit	CE	liquid
FE04022X	Cowingene Yellow Fever Virus Detection Kit	48tests/kit	CE	lyophilized
FE05021X	Cowingene Zaire and Sudan Ebolavirus Detection Kit	48tests/kit	CE	liquid
FE05022X	Cowingene Zaire and Sudan Ebolavirus Detection Kit	48tests/kit	CE	lyophilized
FE06021X	Cowingene West Nile virus Detection Kit	48tests/kit	CE	liquid
FE06022X	Cowingene West Nile virus Detection Kit	48tests/kit	CE	lyophilized
FE07021X	Cowingene Bacillus Anthracis Detection Kit	48tests/kit	CE	liquid
FE07022X	Cowingene Bacillus Anthracis Detection Kit	48tests/kit	CE	lyophilized
FE08021X	Cowingene Dengue Virus Detection Kit	48tests/kit	CE	liquid
FE08022X	Cowingene Dengue Virus Detection Kit	48tests/kit	CE	lyophilized

Immunocompromised Transplant / Neuroinfections



REF.	Product Name	Package	Certificate	Character
NI01021X	Cowingene Cytomegalovirus Detection Kit	48tests/kit	RUO	liquid
NI01022X	Cowingene Cytomegalovirus Detection Kit	48tests/kit	RUO	lyophilized
NI02021X	Cowingene Epstein–Barr Virus (EBV) Detection Kit	48tests/kit	CE	liquid
NI02022X	Cowingene Epstein–Barr Virus (EBV) Detection Kit	48tests/kit	CE	lyophilized
NI03021X	Cowingene Varicella–Zoster Virus (VZV) Detection Kit	48tests/kit	CE	liquid
NI03022X	Cowingene Varicella–Zoster Virus (VZV) Detection Kit	48tests/kit	CE	lyophilized
NI05021X	Cowingene BK virus and JC virus Detection Kit	48tests/kit	CE	liquid
NI05022X	Cowingene BK virus and JC virus Detection Kit	48tests/kit	CE	lyophilized
NI06021X	Cowingene Borrelia Burgdorferi Detection Kit	48tests/kit	CE	liquid
NI06022X	Cowingene Borrelia Burgdorferi Detection Kit	48tests/kit	CE	lyophilized
NI07021X	Cowingene Poliovirus I / II / III Detection Kit	48tests/kit	CE	liquid
NI07022X	Cowingene Poliovirus I / II / III Detection Kit	48tests/kit	CE	lyophilized
NI08021X	Cowingene Poliovirus Sabin Detection Kit	48tests/kit	CE	liquid
NI08022X	Cowingene Poliovirus Sabin Detection Kit	48tests/kit	CE	lyophilized
NI09021X	Cowingene Parvovirus B19 Detection Kit	48tests/kit	CE	liquid
NI09022X	Cowingene Parvovirus B19 Detection Kit	48tests/kit	CE	lyophilized

Pharmacogenetics Antibiotic Resistance / Bloodborne Infections

REF.	Product Name	Package	Certificate	Character
HG01021X	Cowingene Human Leukocyte Antigen B27 Detection Kit	48tests/kit	CE	liquid
HG01022X	Cowingene Human Leukocyte Antigen B27 Detection Kit	48tests/kit	CE	lyophilized
HG02011X	Cowingene HBV/HCV/HIV Detection Kit	48tests/kit	RUO	liquid
HG03011X	Cowingene HBV Detection Kit	48tests/kit	RUO	liquid
HG04011X	Cowingene HCV Detection Kit	48tests/kit	RUO	liquid
HG05011X	Cowingene HIV-1 Detection Kit	48tests/kit	RUO	liquid
HG06021X	Cowingene MRSA/SA Detection Kit	48tests/kit	CE	liquid
HG06022X	Cowingene MRSA/SA Detection Kit	48tests/kit	CE	lyophilized

Supporting Reagents

REF.	Product Name	Package	Certificate	Note
CW03021Q	Cowingene Sample Collection Kit	1test/kit	CE	Swab Sampling for DNA Analysis
CW04021Q	Cowingene Sample Collection Kit	1test/kit	CE	Urine Sampling for DNA Analysis
CW08021Q	Cowingene Sample Collection Kit	1test/kit	CE	Swab Sampling for DNA/RNA Analysis
CW06021Z	Cowingene Sample Diluent Reagent	10mL/bottle, 10 bottles	CE	Sample Pretreatment
CW09021W	Cowingene Sample Diluent Reagent	1 mL/vial, 24 vials	CE	Sputum Liquefaction
CW02021Z	Cowingene Sample Release Reagent	100mL(10*10mL)	CE	DNA Release
CW01021Y	Cowingene Viral DNA/RNA Column	50tests/kit	CE	DNA Extraction
CW10021Y	Cowingene Viral DNA/RNA Column	50tests/kit	CE	RNA Extraction
CW05021X	Cowingene DNA/RNA Extraction kit	48tests/kit	CE	Broad-Spectrum Extraction



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