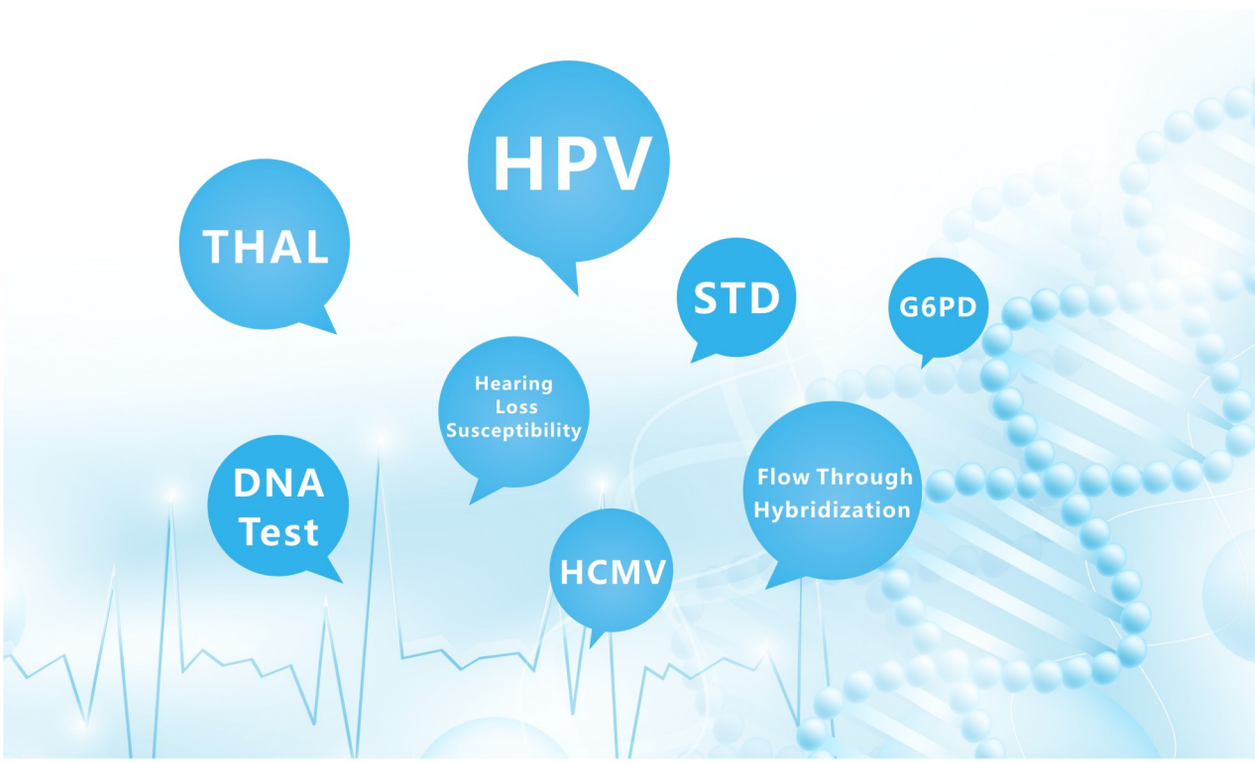
Product Profile



Hybribio Limited
www.hybribio.com

ISO13485:2012

Company Introduction

Hybribio is one of the pioneering biotech companies specialized in in-vitro diagnostic products with fully integrated one-stop operation chain from R&D, manufacturing, sales & marketing to after-sales technical support services. As of year 2018, over 3 million tests of 21 HPV Genotyping test have been performed in China. Furthermore, we are the sole company collaborating with the Ministry of Health of the People’s Republic of China to establish the first HPV database system in China.

Currently, more than 1200 hospitals and medical institutes in China have adopted our HPV diagnostic technology and more than 20 countries around the globe have been using our products for clinical and research purposes.

Working along with partners from different countries, our sales and marketing teams aim for providing an effective strategic marketing plan to suit into different markets. Over 150 scientists and technical personnel stationed in China and Hong Kong provide on-site technical training and after-sales technical service support. Hybribio’s products have high reputation around the globe , European Region and African Region. Our products are widely recognized in the foreign scientific research and medical institutions.

21 HPV GenoArray Diagnostic Kit

Ref: HBGA-21

- The 21 HPV GenoArray Diagnostic Kit is a qualitative PCR based in-vitro diagnostic test for identification of 21 HPV genotyping in cervical specimens. The assay is optimized to detect 15 high-risk HPV and 6 low-risk HPV.
- By using polymerase chain reaction (PCR) to amplify extracted HPV DNA from cervical samples, amplified DNA amplicons are hybridized with specific HPV probes located inside the "HybriMem" under our US patented "flow-through hybridization" technology, results obtained by colorimetric result using enzyme immunoassay method.

Features

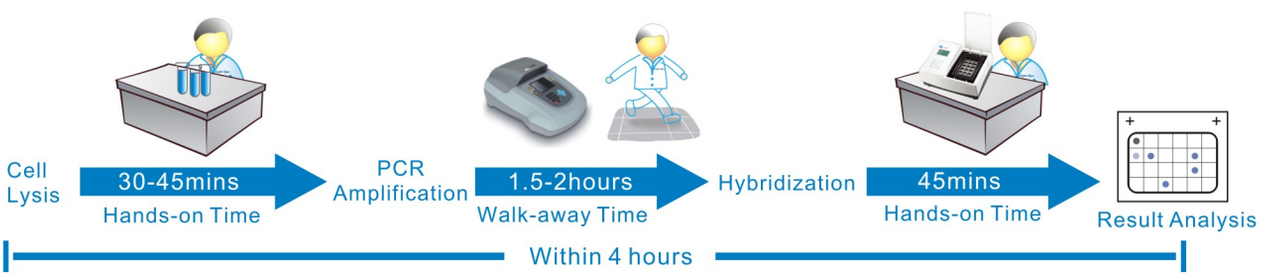
- Detection of 21 HPV genotypes in one single reaction
- CE-IVD marked and CFDA registered
- WHO HPV LabNet Proficiency Test validated(2011, 2013, 2015 & 2017)
- The ONLY HPV assay appointed by the CervicalCancer Prevention Program in China (Over three million tests performed in 2018)
- High clinical sensitivity and clinical specificity: >95% (compared to FDA approved kit)
- Promising results compared to Roche's Linear Array; with a better detection of HPV 52
- Include amplification control(IC)and hybridization control (Biotin) for monitoring of the entire experimental process

Analytes

- 15 High risk genotypes:HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68
- 6 Low risk genotypes:HPV 6, 11, 42, 43, 44, 81

Specimens

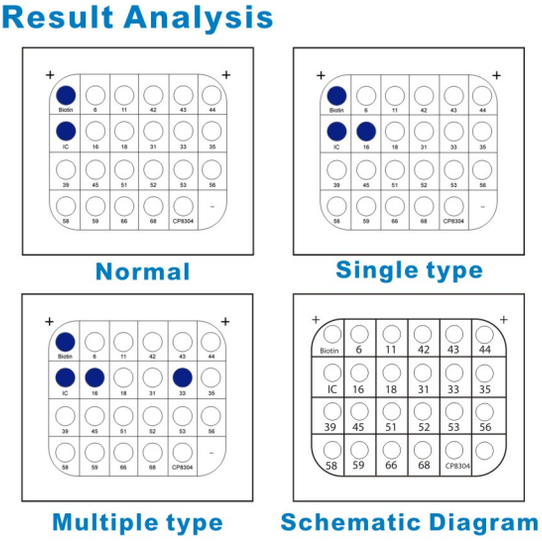
- Cervical swab
- Liquid based cytology specimen (e.g. Thinprep®, Surepath®, Roche Female Swab Sample Kit ®, Hybribio Female Sample Collection Kit)
- Urine
- Exfoliated skin cells using sandpaper around genital area(Male)



Benefits

- Rapid and accurate identification of multiple HPV types in a single reaction
- Easy to operate with <1.5 hours hands-on time
- Triage and management of patients with ASCUS & LSIL
- Efficient and cost-effective

Result Analysis



37 HPV GenoArray Diagnostic Kit

Ref: HBGA-37

The 37 HPV GenoArray Diagnostic Kit is a qualitative PCR based in-vitro test for detection and determination of 37 specific HPV DNA in cervical specimens. The assay is optimized to detect 15 high-risk HPV DNA, 6 low-risk HPV DNA and 16 probably low-risk types

Features

- Detection of 37 HPV genotypes in one single reaction
- CE-IVD marked
- Most comprehensive: detection of High-risk, Low-risk and undetermined HPV subtypes
- US patented Flow-through Hybridization Technology
- High sensitivity and specificity : >95% (compared to CFDA approved kit)
- Include amplification control (IC) and hybridization control (Biotin) for monitoring of the entire detection process

Analytes

- High risk: HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68
- Low risk: HPV 6, 11, 42, 43, 44, 81
- Undetermined: HPV 26, 34, 40, 54, 55, 57, 61, 67, 69, 70, 71, 72, 73, 82, 83, 84

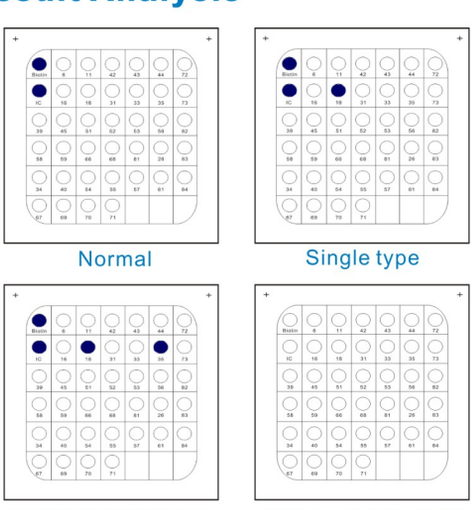
Specimens

- Cervical swab
- Liquid based cytology specimen (e.g. Thinprep®, Surepath®, Roche Female Swab Sample Kit®, Hybribio Female Sample Collection Kit)
- Urine
- Exfoliated skin cells using sandpaper around genital area (Male)

Benefits

- The most comprehensive HPV genotyping, ideal for research and clinical use
- Rapid and accurate identification of multiple HPV types in a single reaction
- Easy to operate with <1.5 hour hands-on time
- Triage and management of patients with ASCUS & LSIL
- Efficient and cost-effective

Result Analysis



13 High-risk HPV Real-time PCR Kit

Ref: HBRT-H13

The Hybribio 13 High-risk (HR) HPV Real-time PCR kit is designed for in vitro detection of 13 HR HPV types in cervical specimens with the use of real-time PCR Taqman® technology, this kit can determine whether presence or absence of 13 HR HPV types simultaneously in a cervical sample. Signals can be detected from the fluorescent reporter dye once it is separated from the quencher dye during the amplification process.

Features

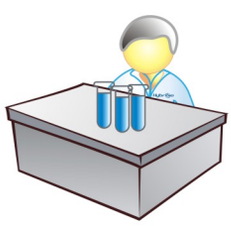
- Detection of 13 HPV in a single reaction
- CE-IVD marked and CFDA registered
- WHO HPV LabNet Proficiency Test validated (2011, 2013, 2015 & 2017)
- Open platform, compatible to most real-time PCR instruments with FAM and HEX detection channel
- High sensitivity and specificity: >95% (compared to FDA approved kit)
- Include cellular Internal Control (IC) for monitoring of the entire process

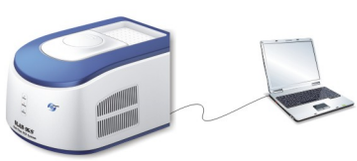
Analytes

- Detection of 13 High-risk HPV types: HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68

Specimens

- Cervical swab
- Liquid based cytology specimen (e.g. Thinprep®, Surepath®, Roche Female Swab Sample Kit® , Hybribio Female Sample Collection Kit)
- Urine
- Exfoliated skin cells using sandpaper around genital area (Male)



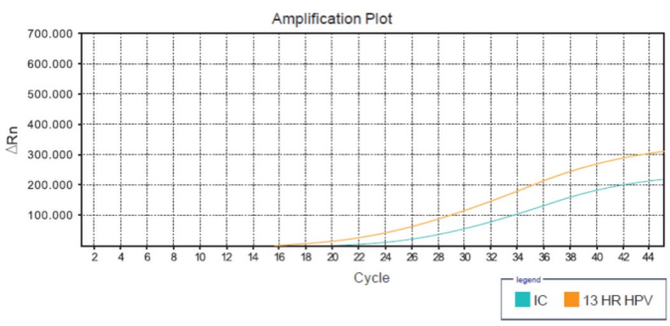


DNA Extraction → 30-45mins (Hands-on Time) → Real-time PCR Amplification → 1.5-2 hours (Walk-away Time) → Result Analysis

Within 3 hours

Benefits

- Easy to operate with 45 minutes of hands-on time
- No specific requirement on RT-PCR instrument
- Efficient and cost-effective



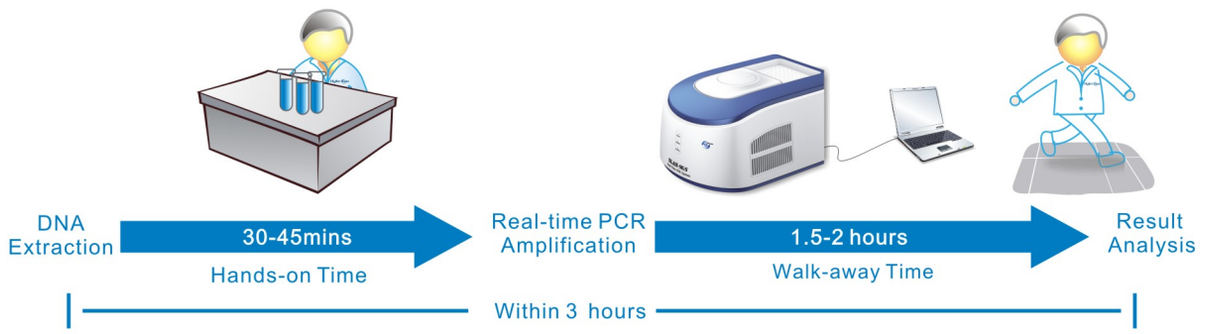
14 High-risk HPV with 16 / 18 Genotyping Real-time PCR Kit

Ref: HBRT-H14

The Hybribio High-risk (HR) HPV DNA Real-time PCR Detection kit is designed for in vitro detection of 14 high-risk HPV types with specific detection of HPV16 and 18 genotypes from the other 12 HR HPV types in cervical specimens. With the use of real-time PCR Taqman ® technology, this kit can determine whether presence or absence of 14 HR HPV types with specific detection of HPV 16 and HPV18 genotypes simultaneously in a cervical sample. Signals can be detected from the fluorescent reporter dye once it is separated from the quencher dye during the amplification process.

Features

- Detection of 14 High-risk HPV types pool with specific detection of HPV 16 and HPV 18 in ONE single reaction
- CE-IVD marked and CFDA registered
- Specific detection of 2 high-risk HPV genotypes: HPV 16 & HPV 18
- Open platform, compatible to most real-time PCR instruments with FAM, HEX/JOE, ROX/Red 610 and Cy5 detection channel
- High sensitivity and specificity: >95% (compared to FDA approved kit)
- Include cellular Internal Control (IC) for monitoring of the entire process

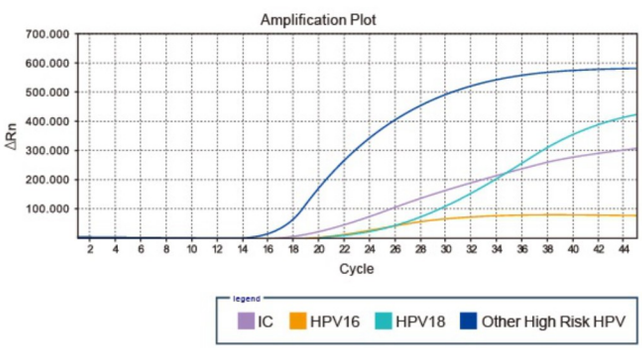


Specimens

- Cervical swab
- Liquid based cytology specimen (e.g.Thinprep®, Surepath®, Roche Female Swab Sample Kit®, Hybribio Female Sample Collection Kit)
- Urine
- Exfoliated skin cells using sandpaper around genital area (Male)

Benefits

- Easy to operate with 45 minutes of hands-on time
- No specific requirement on RT-PCR instrument
- Triage and management of patients with ASCUS & LSIL
- Efficient and cost-effective



23 HPV Genotyping Real-time PCR Kit

Ref: HBRT-23

HPV Genotyping Real-time PCR Kitis designed for in vitro detection of 23 HPV types in cervical cell specimens. This kit is based on multiple channel fluorescent PCR technique. Through real-time fluorescence PCR, one-step nucleic acid amplification and detection are achieved. One sample is divided into six reaction tubes, using four fluorescence channels to detect 23 types human papillomavirus . Internal control, β -globin DNA,is used to evaluate sample quality and PCR inhibition results.

Features

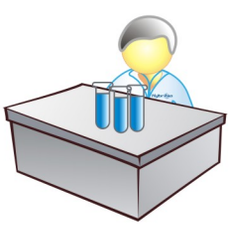
- Accurate genotyping of 23 types HPV
- CE-IVD under registration
- Include cellular Internal Control (IC) for monitoring of the entire process
- Compatible to most RT- PCR instruments with FAM, HEX/JOE, ROX/Red 610, Cy5 fluorescent detection channel
- High sensitivity and specificity: > 95%

AnalysesHigh risk:

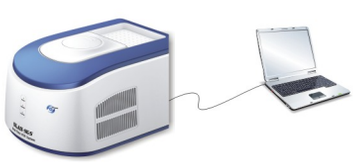
- HPV 16, 18, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68
- Low risk: HPV 6, 11, 42, 43, 44, 81
- Undetermined: HPV 73, 82

Specimens

- Cervical swab
- Liquid based cytology specimen (e.g.Thinprep®, Surepath®, Roche Female Swab Sample Kit® , Hybribio Female Sample Collection Kit)
- Urine
- Exfoliated skin cells using sandpaper around genital area (Male)



Hands-on Time DNA extraction



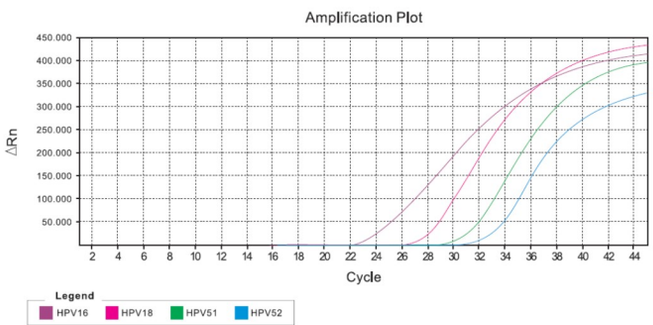
DNA Extraction → 30-45mins (Hands-on Time) → Real-time PCR Amplification → 1.5-2 hours (Walk-away Time) → Result Analysis

Within 3 hours

Benefits

- Easy to operate with 45 minutes of hands -on time
- No specific requirement on RT-PCR in strument
- Triage and management of patients with ASCUS & LSIL
- Efficient and cost-effective
- Genotyping of the HPV 16,18, 15 High-risks and 6 Low-risks

Example of 23 HPV Genotyping Real-time PCR Detection



Thalassemia GenoArray Diagnostic Kit

Ref: HBGA-THAL

- The Hybribio Thalassemia GenoArray Diagnostic Kit is designed for detection of α-thalassemia and β-thalassemia from each blood sample. Biotinylated primers were designed for specific amplification of α-globin gene deletion / mutation regions and β-gene deletion / mutation region respectively.
- Amplified DNA amplicons are then hybridized with the immobilized specific thalassemia probes located on the HybriMem under the patented "flow-through hybridization" technique.Enzyme immunoassay method is applied for color development in order to obtain test results to differentiate the patient is whether heterozygous or homozygous thalassemia gene carrier.

Features

- Detection of alpha and beta thalassemia mutation and deletion
- Compatible for use with whole blood, cord blood, dried blood spot and amniotic fluid samples and chorionic villus sample (CVS)
- CE-IVD marked and CFDA registered
- US patented Flow-through Hybridization Technology
- High sensitivity and specificity (compared to CFDA approved kit)

Benefits

- Rapid and accurate identification of α & β thalassemia mutations
- Able to differentiate homozygous/ heterozygous carrier
- Easy to operate with <2 hours hands -on time
- Effective and cost-efficient

■ HBGA-THAL (b40 AU)

THAL-b21AU

BIO	CD15-17N	-28/-29N	CD26-28N	CD41-44N	CD5-9N
Del 619	CD15M	-28M	HbEM	CD41-42M	CD5M
CD17M	CD16M	-29M	CD27-28M	CD43M	HbCM
CD67N	CD71-72N	I-128/25dN	Del25	CD44M	HbSM
CD67M	CD71-71M	I-128M	CD8/9M	CD8M	CD6M

THAL-b19AU

BIO	-101N	-88N	Cap+N	IntN	I-1-6N
Del 45	-101M	-88M	Cap+M	IntM	I-1M
CD19N	I-110N	CD35N	CD39N	II-1N	I-5M
CD19M	I-110M	CD35M	CD39M	II-1M	I-6M
II-654N	II-745N	II-848N	β pAN	CD121N	CD30M
II-654M	II-745M	II-848M	β pAM	HbDM	-

■ HBGA-THAL (a13 AU)

THAL-a6AU

BIO	SEA	MED
3.7	FIL	THAI
-	20.5	-

THAL-a7AU

BIO	NP	CSN/PakN	QSN
4.2	PakM	CSM	QSM
SavN	AdaN	α 2 pAN	-
SavM	AdaM	α 2 pAM	-

■ HBGA-THAL (b25 MY)

41-42N/43N	IVS-I-1N	-28/-29N	6N	-86N/-88N	15N/16N	IVS-I-5N
41-42M	IVS-I-1M(G>T)	-28M	6M(A-T)	-86M	15M	IVS-I-5M
43M	IVS-I-1M(G>A)	-29M	6M(G-A)	-88M	16M	45kb del
17N	IVS-II-654N	71-72N	27-28N	IntN	β eN(CD26N)	19N
17M	IVS-II-654M	71-72M	27-28M	IntM	β eM(CD26M)	19M
polyAN	polyAM	Cap+1N	Cap+1M	35N	35M	619bp del

■ HBGA-THAL (a15 MY)

Thal-a6MY

BIO	SEA	MED
3.7	FIL	THAI
-	20.5	-

Thal-a9MY

BIO	NP	CSN/PakN	QSN	Int N
4.2	PakM	CSM	QSM	Int DT
CD30N	II-34N	EvoN	AdaN	
CD30M	II-34M	EvoM	AdaM	

■ HBGA-THAL (b31 SEA)

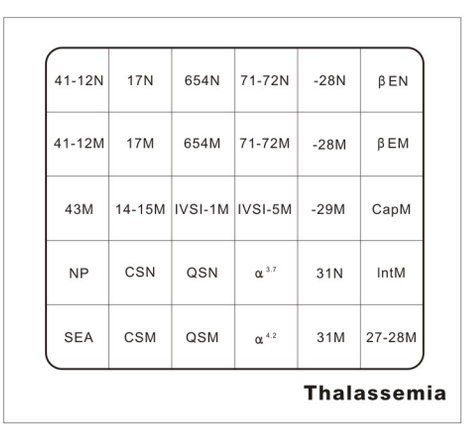
BIO	NP	SIRI	3.5
FIL	SEA	HPFH-6	LEP
THAI	Del619		

Bio	-50N	CD 8/9N	CD 19N	CD 35N	-28/-31N	
CD 17M	-50M	CD8/9M	CD 19M	CD 35M	-28M	-31M
CD 15-17N	CD 95N	CD71-72N	CD 26-28N	CD 41-43N	I-1/I-5N	-86/-90N
CD 15M	CD 95M	CD71-72M	CD 26M	CD 41M	I-1M	-86M
II-654N	CD123-125N	CD 126N	β EM	CD 41-42M	I-5M	-90M
II-654M	CD123-125M	CD 126M	CD 27-28M	CD 43M		

■ HBGA-THAL (a8 SEA)

BIO	NP	CSN	QSN
3.7	4.2	CSM	QSM
SEA	THAI	PSM	FIL

■ HBGA-THAL (a5b16 HK)



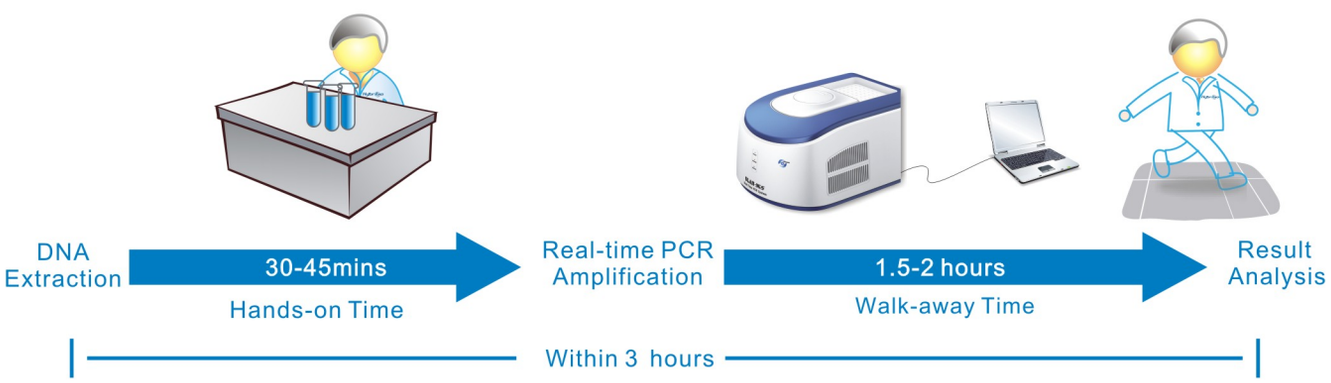
Hepatitis B Virus (HBV) Quantitative Real-time PCR Kit

Ref: HBRT-HBV
(Research use only)

The Hybribio Hepatitis B Viral Nucleic Acid Quantitative Kit is designed for Quantitative analysis of the HBV Viral DNA which assist the diagnosis of the HBV disease progress and the effectiveness of the anti-viral treatment. The test result of the HBV DNA Quantitative kit should be considered with otherclinical diagnosis and laboratory findings for the disease diagnosis. With the use of real-time PCR Taqman® technology and the specific probe designed against the HBV DNA, the kit can be used to quantify the serum or plasma HBV DNA viral load. The use of the HBV plasmid control can indicate the validity of the PCR amplification process. The system consists of UNG enzyme and the dUTP in the system which can avoid the false positive detection result.

Features

- RT PCR method
- Open platform, Compatible to most real-time PCR instruments with FAM and HEX detection channel
- High sensitivity and specificity: >95%
- Include amplification control (IC) for monitoring of the entire detection process
- Lowest Detection Limit: 20 IU/ml



Real-time PCR detection channel requirements:

Detector	Target
FAM	HBV DNA
HEX/JOE	Internal Control

Benefits

- High throughput with short reaction time
- Easy to operate with 45 minutes of hands-on time, result available in 2 hours
- Open platform, No specific requirement on RT-PCR instrument
- Efficient and cost-effective

STD6 GenoArray Diagnostic Kit

Ref: HBGA-STD6
(Research use only)

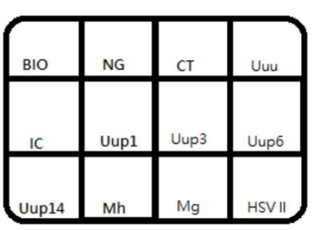
The STD6 GenoArray Diagnostic Kit is a qualitative PCR based in-vitro test. By using polymerase chain reaction (PCR)to amplify extracted pathogen DNA from urethral secretion, cervical samples or vaginal secretion, amplified DNA amplicons are then hybridized with specific STD probes located inside the "HybriMem" under our US patented "flow-through hybridization" technology followed by colorimetric result obtained using enzyme immunoassay method.

Features

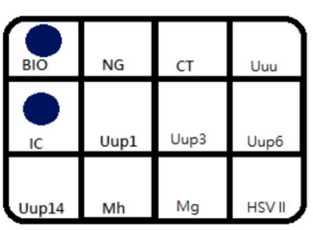
- Detection of Neisseria gonorrhoeae, Chlamydia trachomatis, Ureaplasma Urealyticum, Urealplasma Parvum (Uup1, Uup3, Uup6, Uup14), Mycoplasma hominis, Mycoplasma genitalium, Mgand Herpes SimplexVirus Type II.
- Include amplification control (IC) and hybridization control (Biotin) for monitoring of the entire detection process
- Specific detection of 6 different STDs in one single reaction
- US patented Flow-through Hybridization
- Compatible for use with Urethral secretion sample, Cervical swab or vaginal secretion sample

Benefits

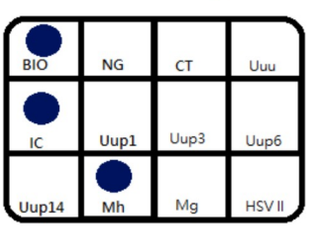
- Rapid and accurate identification of mutations related to STD6 in one single test
- Easy to operate with 1 hour hands-on time, result available within 4 hours
- Simple and direct result interpretation
- Effective and cost-efficient



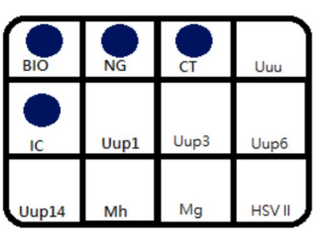
Schematic Diagram



Normal



Single type



Multiple type

Glucose-6-Phosphate Dehydrogenase Deficiency GenoArray Diagnostic Kit

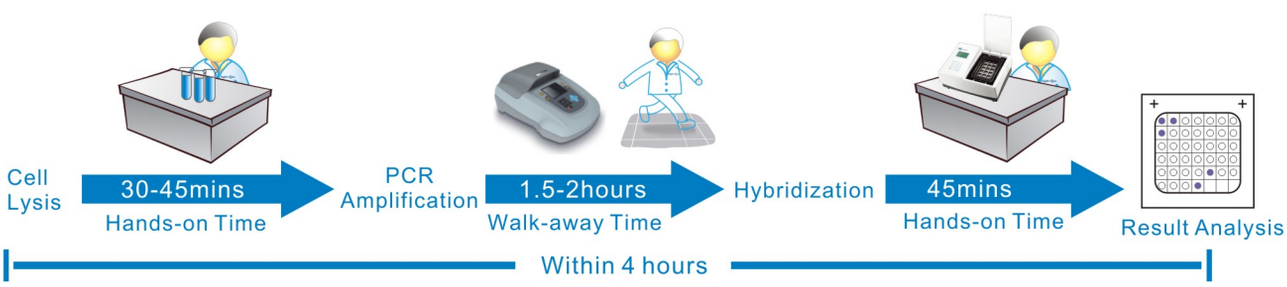
Ref: HBGA-G6PD
(Research use only)

Glucose-6-phosphate dehydrogenase (G6PD) deficiency is a X-chromosomally transmitted disorder of the erythrocyte that affects 400 million people worldwide, occurring with increased frequency throughout Africa, Asia, the Mediterranean, and the Middle East. Prevalence of this deficiency has been found to be the gene mutations that affecting encoding of G6PD, which is correlated with the increased risk of neonatal jaundice,neonatal hyperbilirubinemia and drug or food-induced hem-olytic anemia.

Features

- Detection of 13 mutations on the 6 exons related to G6PD deficiency
- US patented Flow-through Hybridization Technology
- Compatible for use with whole blood, cord blood, dried blood spot and amniotic fluid samples
- Include amplification control (IC) and hybridization control (Biotin) for monitoring of the entire detection process

Experiment Workflow



Benefits

- Rapid and accurate identification of mutations related to G6PD deficiency in one single test
- Easy to operate with 1 hour hands-on time, result available within 3 hours
- Simple and direct result interpretation
- Effective and cost-efficient
- Able to differentiate homozygous/ heterozygous carrier

Bio	95N	392N	487N	493N	—
1976M	95M	392M	587M	493M	1387M
1376/ 1381N	1004N	1024N	1311N	1360N	1387/ 1388N
1381M	1004M	1024M	1311M	1360M	1388M
—	592N	592M	871N	871M	—

G6PD

Bio	95N	131N	383N	487N	392N
1360M	95M	131M	383M	487M	392N
1360/ 1361N	563N	1003N	1024N	1376N	1388N
1361M	563M	1003M	1024M	1376M	1388M
—	592N	592M	871N	871M	—

G6PD Malaysia version

Hearing Loss Susceptibility GenoArray Diagnostic Kit

Ref: HBGA-HLS

Hearing Loss Susceptibility GenoArray Diagnostic Kit is designed for the rapid, high throughput screening of known hotspot mutations related to hereditary hearing loss. Thirteen mutations in four genes (GJB2, GJB3, SLC26A4 and 12S rRNA) are evaluated simultaneously. Knowledge of the mutations can help to identify hearing impairment at birth, to avoid taking certain types of antibiotics which are known to cause deafness in children carrying certain gene mutations.

Features

- Detection of 13 mutations on the 4 most common genes related to hereditary hearing impairment
- US patented “Flow-through Hybridization Technology”
- Compatible for use with whole blood, cord blood, dried blood spot and amniotic fluid samples
- Include amplification control (IC) and hybridization control (Biotin) for monitoring of the entire detection process

Gene Name	Mutations	Gene Location
GJB2	35 del G, 176 del 16, 235 del C, 299 del AT, 155 del TCTG	13q11-q12
GJB3	538 C>T	1p33-p35
mtDNA	1555 A>G, 1494 C>T, 12201 T>G, A7445 A>G	mtDNA
SLC26A4	2168 A>G, IVS 7-2 A>G, 1229 C>T	7q22-q31.1

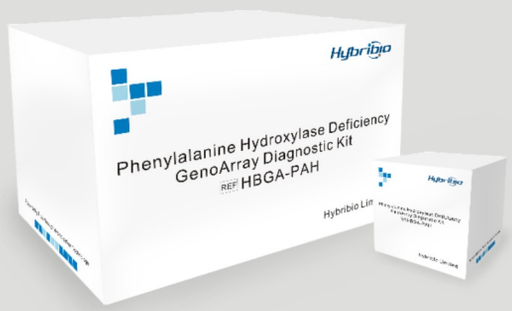
Benefits

- Rapid and accurate identification of mutations related to hereditary loss in one single test
- Able to differentiate homozygous/ heterozygous carrier
- Combined with conventional infant hearing test to provide a higher hearing loss screening coverage especially for the identification of delayed-onset genotype
- Easy to operate with less than 1 hour hands-on time
- Effective and cost-efficient

Biotin	35N	155N	176N	235N	299N
	35M	155M	176M	235M	299M
1494N	1555N	7445N	538N	IVS-N	2168N
1494M	1555M	7554M	538M	IVS-M	2168M
1229N	1229M	12201N	12201M		

Phenylalanine Hydroxylase Deficiency GenoArray Diagnostic Kit

Ref : HBGA-PKU
(Research use only)

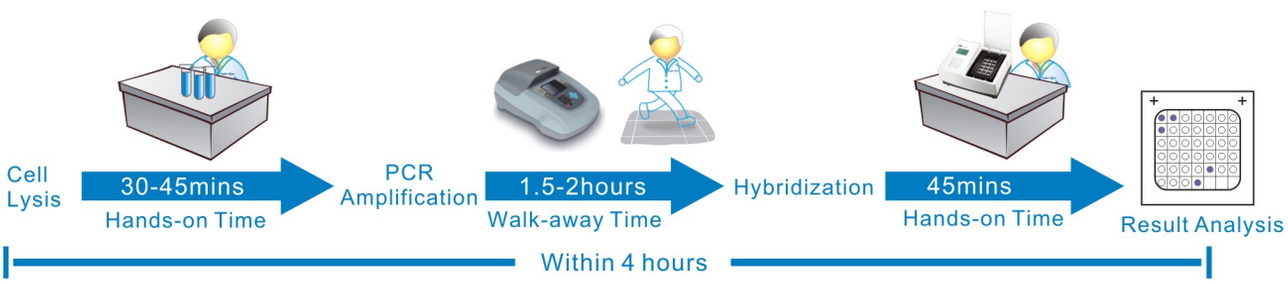


Phenylalanine Hydroxylase deficiency is a recessive hereditary phenylalanine metabolism disorder. The mutated nonfunctional phenylalanine hydroxylase caused the accumulation of phenyl-ketone in body which can be detected in Urine (Phenylketonuria, PKU), Incidence of PKU varies geographically from 1/2600 to 1/ 120000. Untreated PKU result in the abnormally high blood level of phenylalanine which lead to brain damage. Common syndrome of PKU include severe intellectual disability, brain function abnormalities and behavioral problems.

Features

- Detection of 22 mutations related to PKU
- US patented Flow-through Hybridization Technology
- Compatible for use with whole blood, cord blood, dried blood spot and amniotic fluid samples
- Include amplification control (IC) and hybridization control (Biotin) for monitoring of the entire detection process

Experiment Workflow



Benefits

- Rapid and accurate identification of mutations of PKU in one single test
- Easy to operate with 1 hour hands-on time, result available within 3 hours
- Simple and direct result interpretation
- Effective and cost-efficient
- Able to differentiaite homozygous/ heterozygous carrier

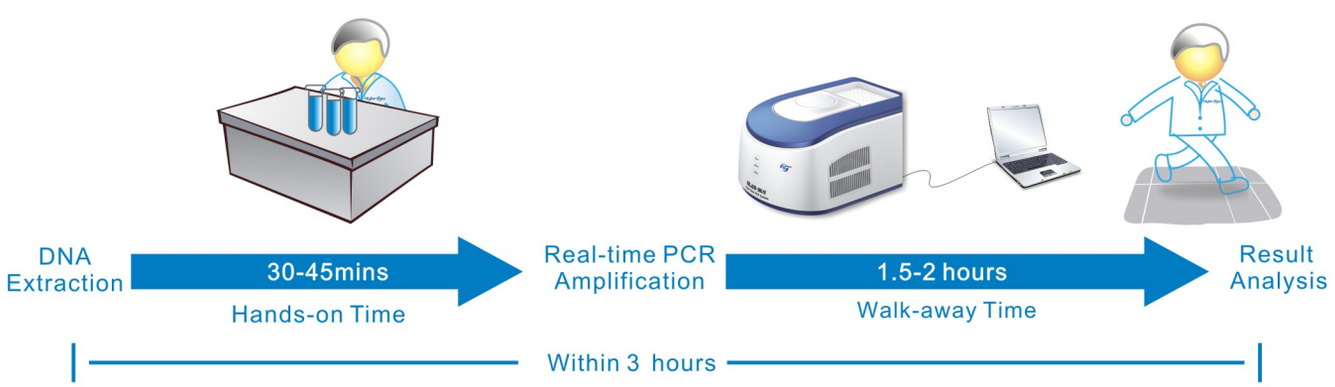
Human Cytomegalovirus Real-time PCR Kit

Ref: HBRT-HCMV

Human Cytomegalovirus (CMV) infection is one of the most common viral infection globally. CMV seroprevalence was found to be 40% to 100% depending on the socioeconomic conditions. CMV infection is commonly asymptomatic, it remains latent throughout life and may reactivate. Individuals at increased risk of CMV infection include neonates, pregnant women and immuno-compromised adults. Congenital CMV infection from mother to fetus during pregnancy could lead to a series of pregnancy complications including fetal anomaly, mental retardation, In-Utero Growth Retardation (IUGR), visual impairment and neurosensory hearing loss. Early diagnosis of congenital CMV infection is recommended and antibody test cannot be used for the diagnosis of congenital CMV infection. Diagnosis can only be made if the CMV is found in the infant's blood, urine and saliva sample within one week of birth. Therefore, a rapid, sensitive and reliable CMV detection test should be adopted.

Features

- Detection of HCMV DNA by RT-PCR method
- Detection of HCMV DNA in serum, plasma and urine sample
- High sensitivity and specificity : >95%
- Include cellular internal control (IC) for monitoring of the entire process
- Compatible to most RT- PCR instruments with FAM and HEX detection channels



Real-time PCR detection channel requirements:

Detector	Target
FAM	HCMA
HEX/JOE	Internal Control

Benefits

- High throughput with short reaction time
- Easy to operate with 45 minutes of hands-on time, result available in 2 hours
- No specific requirement on RT-PCR instrument
- Efficient and cost-effective

Female Sample Collection Kit

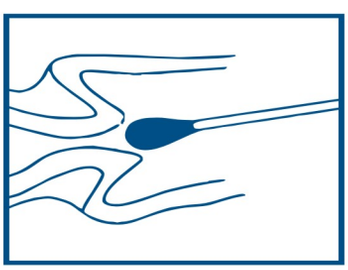
Ret: HBCK-F

Intended Use

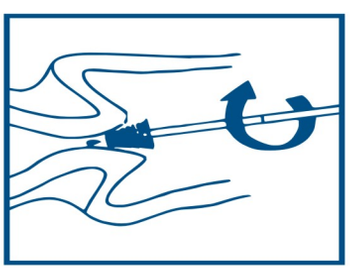
Collect and temporary store cervical cells samples

Specifications

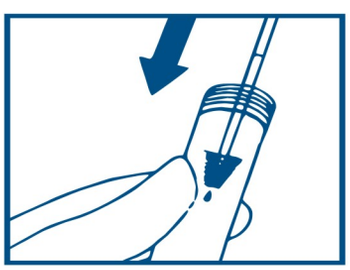
- No. of kits per bag : 30
- Storage condition : Room Temperature and in a dry place away from sunlight
- Kit Contents : 1 sample vial, 1 collection brush, 3.5ml preservation solution



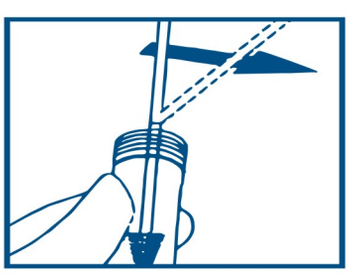
1. A bivalve speculum is inserted into the vagina for complete visualization of the os and endocervix, remove the extra secretion using cotton swab.



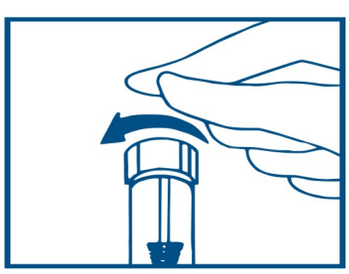
2. The brush is inserted into the endocervical canal, rotated 360° in the clockwise direction three to five times while maintaining gentle pressure.



3. Insert the brush into the sample vial.



4. Snap the extra brush holder at the mouth of the tube, and preserve the brush inside the sample vial.



5. Seal the cap tightly, write down the sample number and date.

HybriMax®

Ref: HHM-3

HybriMax® makes use of both DNA amplification and Hybribio's proprietary **Flow-through Hybridization Technology (US Patents 5,741,647 & 6,020,187)** to identify HPV, Thalassemia or STDs subtypes using specific DNA probes with gene-chip technology. A low density macroarray platform provides a rapid, *in vitro* DNA diagnosis with high sensitivity, specificity and accuracy.

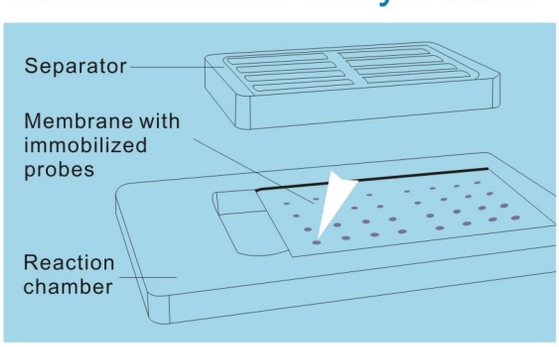
Features

- CE-IVD marked and CFDA registered
- Rapid, Robust, Accurate and High Specificity
- Easy to Operate
- Quality & Result Consistency
- High Efficiency Applicable for Clinical Use

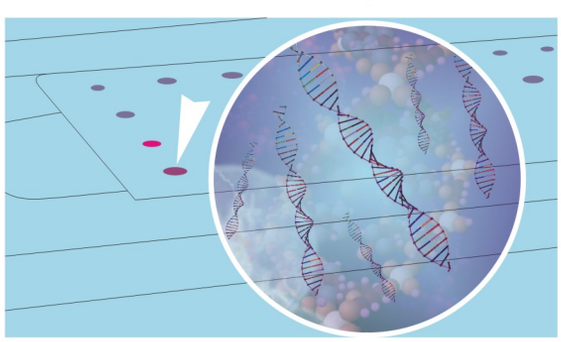
Specifications

Temperature of reaction chamber	Resolution: 0.1℃
	Operating Temperature 25℃-75℃, Adjustable
	Specific to ± 0.5℃
Heating rate	≥4℃/min
Cooling rate	≥2℃/min
Pump rate	70±20ml/min
Mode	Manual mode / Program mode
	Program mode: Parameters set can be saved and read
Dimension (L x W x H)	36.1 cm x 24.5 cm x 16.7 cm
Maximum Noise produced	≤65dB
Power	AC~220V/50Hz or AC~110V/50Hz
	Input Power:≤350VA

Basic Structure of HybriMax®



U.S.patented Flow-through Hybridization



Automated DNA Hybridization System

Ref: HBHM-3000s

mAutoMax®

The newly launched Hybribio mAutoMax® is specifically designed for automated DNA hybridization configured with accurate liquid handling function and precise temperature control.

mAutoMax® will complete the entire hybridization procedures from pre-warming of solutions to signal development automatically in a hassle-free way.During each experiment, mAutoMax® is capable analyze up to 30 samples in 60 minutes.

Features

- CB certified, CE-IVD marked, and CFDA registered
- Standardize hybridization results
- High consistency and reproducibility
- Minimize operation error and contamination risks
- Reduce labor and time

Specimens

Operating Interface	7” LCD touch-screen
	2 external USB ports
	1 Ethernet port
Maximum Sample Size	30
Operating Temperature	25℃ to 60℃, Adjustable
Temperature Resolution	0.1℃
Temperature Specificity	± 0.5℃
Heating rate	≥8.0℃/min
Cooling rate	≥4.0℃/min
Pump rate	85 ±10ml/min
Dimension (L x W x H)	650 mm x 500 mm x 600 mm
Mode	Automated Program mode
	Automated Program mode: Parameters set can be saved and read
Noise Level	≤56dB
Finishing Time	60 mins
Power	Input Power: 110-240 VAC, 50Hz
	Output Power:12V 42A, 450W

MagPurix 12s Automated Nucleic Acid Purification System

Ref: HB-ZP01001

- Bench-top automated system for quick purification of nucleic acids from bio-specimens using magnetic bead separation technology
- CB certified, CE-IVD marked, and CFDA registered
- Compact design, Space saving and Flexible
- 100% Contamination Prevention

Features

- Compact, Walk-away Automation
- Convenient, Reliable and User Friendly
- Advanced Magnetic Beads Extraction Technology
- Consistent and Reproducible Extraction and Purification Results
- Efficient, Robust and Cost Effective
- Purified Nucleic Acids are compatible with wide range of downstream applications

3 Easy Steps to Operate

SLAN-96 Automatic Medical PCR Analysis System

- The SLAN-96S real-time PCR system is used to perform Real -time PCR experiments and analyze experiments results;
- With appropriate reagents, the SLAN-96S real-time PCR system performs quick and accurate qualitative or quantitative detection of target nucleic acids extracted from samples (e.g.blood, body fluid or other materials), or discriminate the target
- nucleic acids' melting curve or genotype.

Features

- Intended for: In Vitro Clinical Diagnosis & General Laboratory Use
- application for Absolute Quantification (AQ), Positive/Negative, Allelic Discrimination (TaqMan endpoint method), Multiplex Melting Curve analysis, High Resolution Melting Curve analysis
- Up to 96 samples
- Quality & Result Consistency

Specification

Sample capacity	96 wells (12*8)
Reaction Volumn	15 - 100 L (15-50 recommended)
Consumable	0.2ml PCR tubes, 8-well strips, 96-well plates
Sensitivity	1 copy
Linearity range	10^{0}-10^{10}
Reproducibility	CV<0.5% across 48 wells
Correlation coefficient	-0.99 to -1.00
Resolution	can discriminate between 1000 copies and 2000 copies
Dyes and probes	Ch1 FAM/SYBR Green Ch2 VIC/HEX/JOE/TET Ch3 ROX/Texas Red Ch4 CY5
Temperature range	4-99° C
Max ramp rate	4° C /s
Detector	photosensor
Excitation	Ch1 470nm Ch2 530nm Ch3 580nm CH4 630nm CH5 custom-made CH6 custom-made
Emission	Ch1 510nm Ch2 565nm Ch3 620nm CH4 665nm CH5 custom-made CH6 custom-made
Operation system	Microsoft® Windows XP, Vista, Win7 · Win8
Dimensions	38cm x 52cm x 25cm
Weight	18kg

(852)-29861270

Category	Product	Cat. No.		Remark
Viral Infection Disease				
	21 HPV GenoArray Diagnostic Kit	HBGA-21	CE IVD	
	37 HPV GenoArray Diagnostic Kit	HBGA-37	CE IVD	
	14 High-risk HPV with 16/18 Genotyping Real-time PCR Kit	HBRT-H14	CE IVD	
	13 High-risk HPV Real-time PCR Kit	HBRT-H13	CE IVD	
	23 HPV Real-time PCR Kit	HBRT-23	CE IVD	
	Hepatitis B Virus (HBV) Quantitative Real time PCR Kit	HBRT-HBV	RUO	
	Human Cytomegalovirus Real-time PCR Kit	HBRT-HCMV	CE IVD	
Bacteria Infection Disease				
	STD 6 GenoArray Diagnostic Kit	HBGA-STD6	RUO	
	STD 3 GenoArray Diagnostic Kit	HBGA-STD3	CE IVD	
	Group B Streptococcus Real-time PCR Kit	HBGA-GBS	RUO	
Prenatal Diagnosis and Neonatal Screening				
	Thalassemia GenoArray Diagnostic Kit	HBGA-THAL	CE IVD	
	Hearing Loss Susceptibility GenoArray Diagnostic Kit	HBGA-HLS	CE IVD	
	Glucose-6-Phosphate Dehydrogenase Deficiency GenoArray Diagnostic Kit	HBGA-G6PD	CE IVD	
	Phenylalanine Hydroxylase Deficiency GenoArray Diagnostic Kit	HBGA-PKU	RUO	
Nucleic Acid Extraction				
	DNA Prep Kit	HBDP	CE IVD	
	Cell Lysis Kit	HBCL	CE IVD	
	Nuclear Acid Prep Kit	HBNP	RUO	
Sample Collection				
	Female Sample Collection Kit	HBCK-F		
	Male Sample Collection Kit	HBCK-M		
	Urine Collection Bottle	HBCK-U		
Instrumentation				
Hybridization	HybriMax	HHM-3	CE IVD	US Patented flow-through hybridizer for DNA hybridization
Hybridization	mAutoMax	HBHM-9000A	CE IVD	Fully Automated US Patented flow-through hybridizer for DNA hybridization
Real-time PCR	SLAN-96 Automatic Medical PCR Analysis System	SLAN-96A	CE IVD	96 wells Real-time PCR detection system with 6 individual detection channels
Nucleic Acid Purification	MagPurix 12s Automated Nucleic Acid Purification System	HB-ZP01001	CE IVD	Bench-top automated magnetic bead-based nucleic acid extraction system
Thermocycling	TC Series Thermocycler 48 well	TC-48/T/H(a)	CE IVD	48 wells Gradient thermal cycler with wide gradient range
	TC Series Thermocycler 96 well	TC-96/G/H(b)	CE IVD	96 wells Gradient thermal cycler with wide gradient range

Customer Name:

Country:

Tel:

Email:

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