

Precision, Reliability, and Excellence for Blood Safety

Unmatched Expertise and Market Leadership

40
years

40 Years of Industry Expertise: Innovating in in-vitro diagnostics since our inception.

16
years

16 Years of NAT Blood Screening Experience: Leading the field in nucleic acid testing (NAT) for blood safety since 2010.



A Leading Chinese Brand: Ranking Among the Top in China's Blood Screening Market.

Comprehensive National Coverage

100+
end-user

Trusted by 100+ end-user organizations, including major blood banks and hospitals.

20+
provinces

Serving 20+ provinces across China.

10
million

Processing over 10 million samples annually, ensuring national blood safety.

Exceptional Quality and Reliability

100%

100% Accuracy in EQA (2022-2024): Proven consistency in External Quality Assessments.

10+
years

10+ Consecutive Years of EQA Success: Certified by the National Health Commission (NHC) for the outstanding performance in nucleic acid blood screening.



Care for life Dedicate to excellence

Specifications

Nucleic Acid Testing Kit for HBV DNA, HCV RNA and HIV RNA (Type1+2) (Real-time PCR)

	HBV	HCV	HIV-1	HIV-2
Subtype	A-H	1-6	M/N/O	HIV-2
95% LOD	1.087 IU/mL	3.385 IU/mL	12.957 IU/mL	22.592 IU/mL
Specimen	serum/plasma			
Analysis Method	qualitative analysis			
Specification	96 tests/kit			
Test mode	single test and pooling test (6-in-1)			
Storage Condition	Extraction reagent: 2-8°C; PCR reagent: below -15°C (protected from light)			
Shelf Life	12 months			



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KHB
KEHUA BIOTECH

Molecular Diagnosis

KHB Blood Screening Nucleic Acid Testing Solutions

Nucleic Acid Testing Kit for HBV DNA, HCV RNA and HIV RNA (Type1+2) (Real-time PCR)

This product is intended for the qualitative nucleic acid testing of hepatitis B virus (HBV), hepatitis C virus (HCV), and type 1+2 human immunodeficiency virus (HIV-1 and HIV-2) in plasma/serum specimens.

Broad subtype coverage
HBV A-H, HCV 1-6, HIV-1 M/N/O and HIV-2 RNA.

High sensitivity
95% LOD:
HBV (1.087 IU/mL)
HCV (3.385 IU/mL)
HIV-1 (12.957 IU/mL)
HIV-2 (22.592 IU/mL)

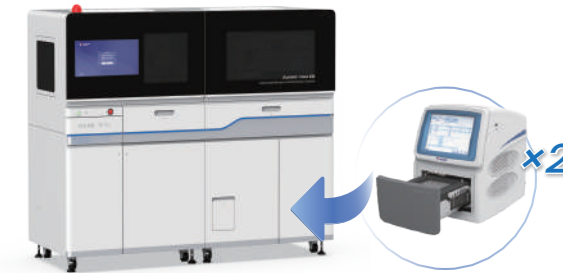
All-in-one kit
Including extraction kit and PCR kit

Flexible extraction formats
Pre-filled and non-pre-filled reagents available

Integrated Blood Screening Solutions

High-Throughput Blood Screening Solution

- **Aurora PANA X6**
A compact all-in-one solution for centralized blood centers and plasma facilities.



Throughput	576	
Testing mode	Single test or pooling test (6-in-1)	
Test time	Single test	Pooling test
	48 samples: 4h 30min 192 samples: 9h 30min	48 tests (288 samples): 4h 40min 192 tests (1152 samples): 9h 40min
Key Functions	Fully Automatic Operation (Original sample tube loading, 360° barcode scanning, capping & decapping, sample pooling, nucleic acid extraction, and PCR detection)	
Compatible reagent	KH-G-M-568-96-W1	

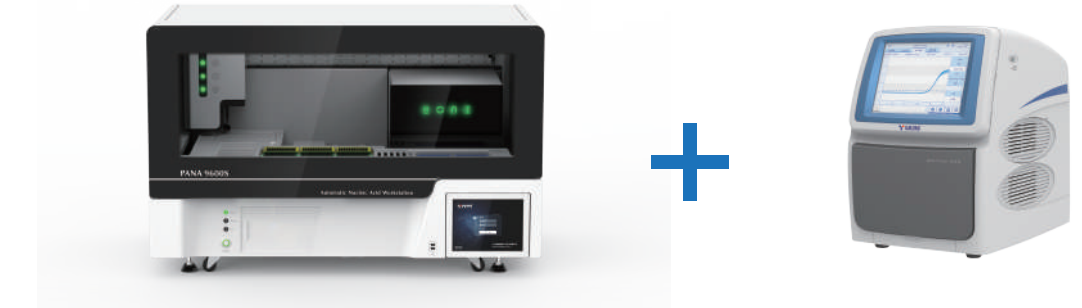
- **Aurora NS2000 + Gentier96**
A high-throughput solution with a continuous automated workflow, ideal for centralized blood centers and plasma facilities.



Throughput	Supports continuous sample loading	
Testing mode	Single test or pooling test (6-in-1)	
Test time	Single test (using pre-filled kit)	Pooling test (using pre-filled kit)
	96 samples: 3.5 h then 96 samples per 1.5 h	96 tests (576 samples): 4h 192 tests (1152 samples): 6-7h
Key Functions	Aurora NS2000 (Original sample tube loading, information scanning, sample sorting and storage, capping & decapping, sample pooling, nucleic acid extraction, and PCR setup) + Gentier96 (PCR detection)	
Compatible reagent	KH-G-M-568-96-W1 / KH-G-M-568-96-W2 (Pre-filled Kit)	

Middle-Throughput Blood Screening Solution

- **PANA9600S + Gentier96**
A reliable screening solution for regional laboratories requiring moderate testing volumes and flexible workflow configuration.



Throughput	96
Testing mode	Single test
Test time	1h 50min + 2h 5min = 3h 55min
Key Functions	PANA9600S (Original sample tube loading, information scanning, nucleic acid extraction, and PCR set-up) + Gentier96 (PCR detection)
Compatible reagent	KH-G-M-568-96-W2 (Pre-filled Kit)

Low-Throughput Blood Screening Solution

- **Panall 8000**
An all-in-one screening solution for decentralized laboratories and small blood banks with limited testing volumes.



Throughput	8
Testing mode	Single test
Test time	2h 56min
Key Functions	Fully Automatic Operation (Capping & decapping, nucleic acid extraction, PCR setup and PCR detection)
Compatible reagent	T552H + KH-G-M-568-96-W

Application Scenarios



Hospital



Blood Bank



CDC



Blood Products Manufacturer

