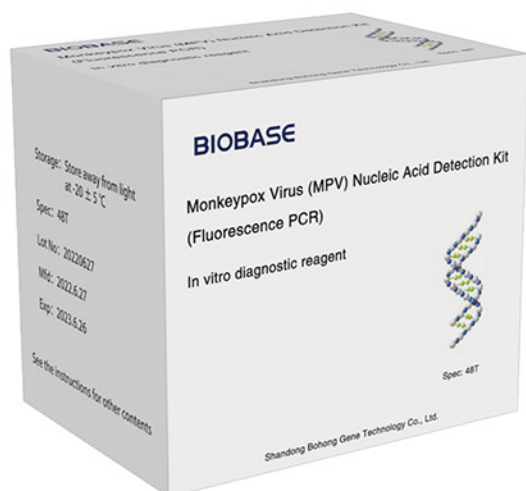


Monkeypox Virus (MPV) Nucleic Acid Detection Kit (PCR-Fluorescence Probe Method)



Application:

It is applied to the monitoring and auxiliary diagnosis of monkeypox virus. The application scenarios mainly include hospitals, CDC, scientific research institutions, and third-party medical testing laboratories recognized by health administrative agencies.
(Not Available in the U.S)

Introduction:

Monkeypox is a zoonotic disease caused by the monkeypox virus, which can be transmitted from animals to humans as well as from human to human. Monkeypox symptoms often include fever, severe headache, muscle aches, swollen lymph nodes, skin lesions, and more. According to the World Health Organization, more than 50 countries and regions around the world have reported confirmed cases of monkeypox. There is currently no cure for monkeypox, and the World Health Organization urges countries to strengthen surveillance and testing of the infectious disease.

This product is based on real-time fluorescent PCR technology, selects the highly conserved region of the monkeypox virus gene coding region as the target region, designs specific primers and fluorescent probes for PCR amplification, and performs PCR amplification on patient serum and lesion leaching fluid (vesicular fluid, pustule fluid) Qualitative detection of monkeypox virus DNA in it is suitable for auxiliary diagnosis of related diseases caused by monkeypox virus infection.

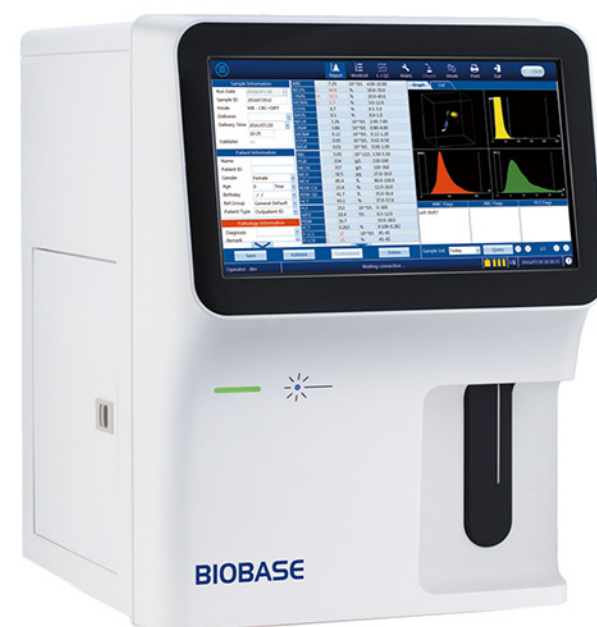
Features:

- Internal Control: the kit contains Internal Control, which is involved in nucleic acid extraction and PCR detection to avoid false negative results
- Control: Both negative and positive control in the kit need to be extracted for environmental monitoring and quality control of PCR detection reagents
- High Sensitivity: The detection limitation is 200 copies/ml
- High Specificity: No cross reaction with other pathogens
- Fast Speed: Nucleic acid extraction completed within 10 minutes, and the PCR amplification time is less than 1 hour
- Certificate: CE declaration of conformity

Parameters:

Product Name	Monkeypox Virus (MPV) Nucleic Acid Detection Kit (PCR-Fluorescence Probe Method)
Detection Principle	Fluorescence PCR
Detection Target	Monkeypox Virus F3L gene
Sample Types	Serum or lesion exudate samples
Applicable Instruments	ABI7500、LEIA-X4、FQD-96A, etc
Storage	-20±5°C
Valid Period	12 Months
Reaction Volume	25ul
Detection Time	<60 min
Detection Limit	200 copies/ml
Packing Specification	24T/box or 48T/box or 96T/box; 90 boxes/carton
Packet Size (L*W*H)	500*500*500mm
Gross Weight	24kg(24T/box); 25.5kg(48T/box); 28kg(96T/box)

5-Part Auto Hematology Analyzer BK-6310



Features:

- ①. Throughput: 60T/H.
- ②. 14 inch touch screen.
- ③. Tri-angle laser scatter + flow cytometry method + impedance method for counting.
- ④. 3D holographic scattergram displays the accurate 5 part differentiation of WBC.
- ⑤. Large storage capacity: 100,000 results (including histogram, scattergram, patient information).

Parameters:

Model	BK-6310			
Throughput	60 Tests/hour			
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 Research parameter: ALY%, ALY#, IG%, IG#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	0~300*10 ⁹ /L	≤ 0.5%	≤ 2.0%
	RBC	0~8.00*10 ¹² /L	≤ 0.5%	≤ 1.5%
	HGB	0~250g/L	≤ 0.5%	≤ 1.5%
	PLT	0~3000*10 ⁹ /L	≤ 1.0%	≤ 4.0%
Sample Volume	CBC+DIFF mode: ≤20μl CBC mode: ≤10μl			
Storage	100,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1LAN port Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 400VA			
Package Size(W*D*H)	670*590*790mm			
Gross Weight	53kg			
Reagent Package Size	330*330*330mm, 400*290*240mm, 400*290*240mm			
Reagent Gross Weight	22kg, 2kg, 1kg			