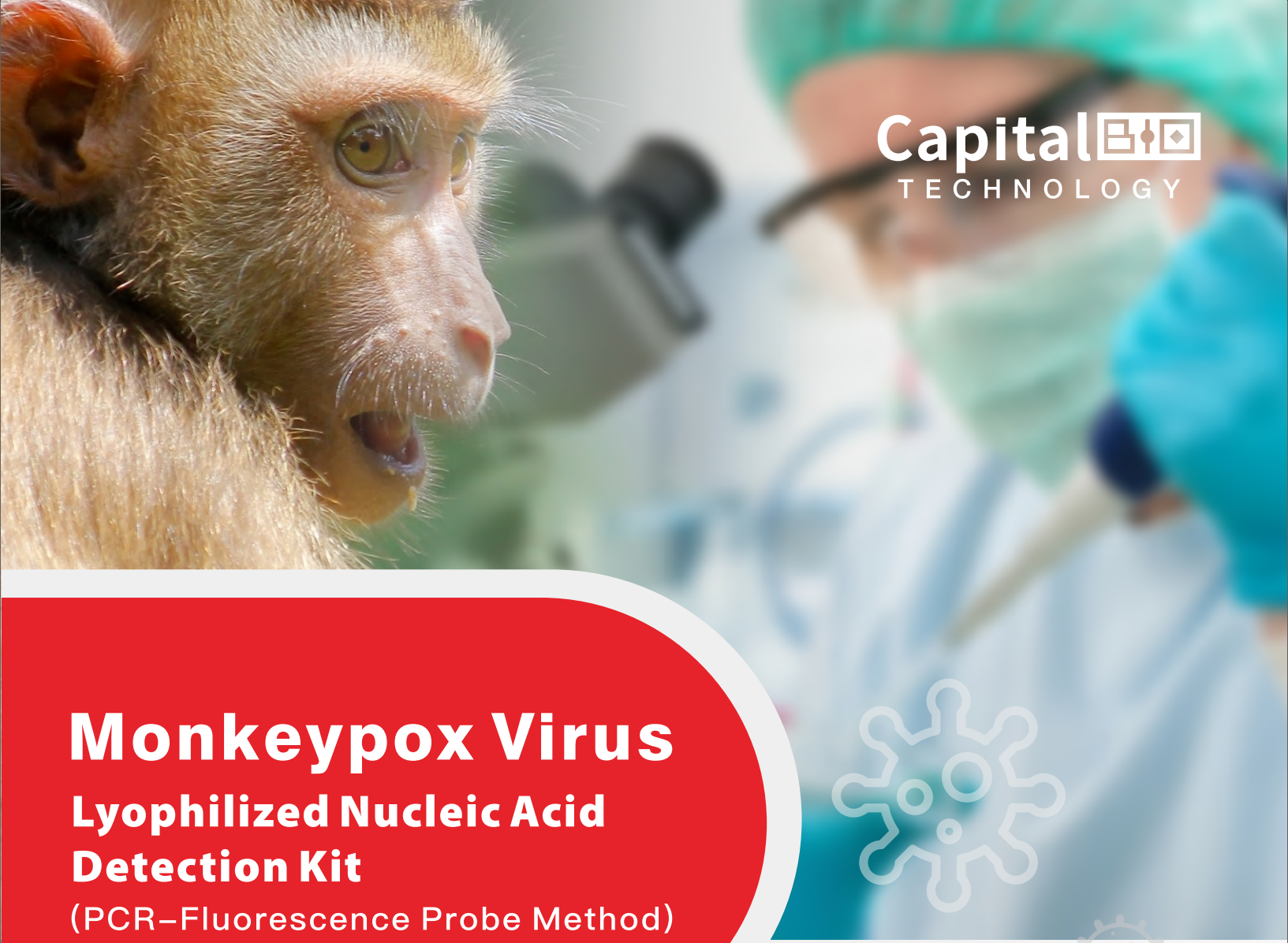

Capital TECHNOLOGY

Monkeypox Virus

Lyophilized Nucleic Acid Detection Kit

(PCR–Fluorescence Probe Method)

"Monkeypox Virus Lyophilized Nucleic Acid Detection Kit (PCR–Fluorescence Probe Method) uses a specificity test for a nucleic acid fragment of the monkeypox virus to rapidly identify and detect the virus. The kit has a high specificity and does not cross–react with Variola virus, Vaccinia virus, Cowpox virus, Camelpox virus, Ectromelia virus, Raccoonpox virus, Akhmeta virus, Alaskapox virus, Felinepox virus, Abatino macacapox virus, Sunkpox virus, Taterapox virus, Volepox virus. The kit can detect the monkeypox virus in Central Africa (Congo) and West Africa branches. And it includes an internal reference primer and probe that can detect human–derived nucleic acid and perform quality control for the entire process, which includes sample collection, nucleic acid extraction, and amplification testing. The kit's excellent sensitivity and ease of use make it ideal for performing differential detection on patients suspected of being infected with the monkeypox virus."



01 Reagents are supplied in lyophilized form for ease of transfer.

02 The test can be finished in roughly 60 minutes.

03 High sensitivity allows for early identification, detection, and treatment.

04 It can analyze all released monkeypox virus sequences through comparison and its test target is highly conservative. The kit can test the monkeypox virus strain from different sources.

05 The kit did not cross–react with a number of viruses in the genus orthoptopox virus, as well as varicella zoster virus and measles virus, according to sequence analysis and experimental verification.

Target Population

Populations suspected of being infected with the monkeypox virus.



Sample Type

Rash Liquid, Blood, Throat Swab, Skin, Lesion Tissue, etc.



Applicable Instrument

Applied Biosystems 7500 Real–Time PCR System, etc.



Package Specification

Composition	Spec	Qty	Package
PCR amplification reagent (freeze–dried microsphere)	8 tests/strip	4 strips	Vacuum–sealed aluminum foil bag packaging
Positive quality control (freeze–dried microsphere)	1 nos./tube	4 tubes	Vacuum–sealed aluminum foil bag packaging
Negative quality control	1mL/ tube	1 tube	

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