



PPRV Testing Solutions for goat/sheep  Ringbio

## PPRV ELISA/Rapid Test/PCR

*the ideal new tools for PPR fast testing*



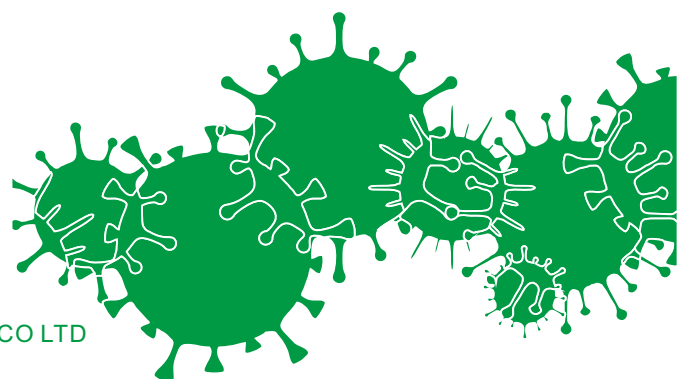
Ringbio PPRV Rapid Test Kits are a set of rapid test kits, including PPRV Antigen Real-time PCR Kit, PPRV Antibody Competitive ELISA Kit, PPRV Antibody Rapid Test Kit, which are expected to provide readily available tools for PPR testing and management.

**FAST**

**RELIABLE**

**SENSITIVE**

**ACCURATE**



## PPRV Real-time PCR Kit

### Kit specifications

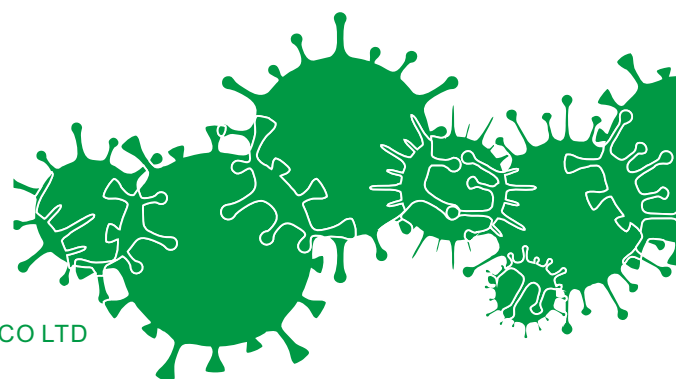
Item #	Product
Product name	PPRV Real-time PCR Kit
Product Code	FP001
Package Size	50tests
Test Principle	Real-time qPCR
Applied Sample	Tissue, blood, swabs of proper target etc
Applied Species	Goat, sheep, ovine, caprine
Sensitivity	>99% compared with WOAHA qPCR
Specificity	>99% compared with WOAHA qPCR
Stability	12 months when stored at 2-8°C
Detection time	<60min



This kit was validated internally according to ISO standards.



In the 2024 and 2025 PPR proficiency testing programs organized by WOAHA PPR reference laboratory in ANSES, France, this kit demonstrated 100% accuracy with 100% sensitivity and 100% specificity.



## PPRV Antibody Competitive ELISA Kit

### Kit specifications

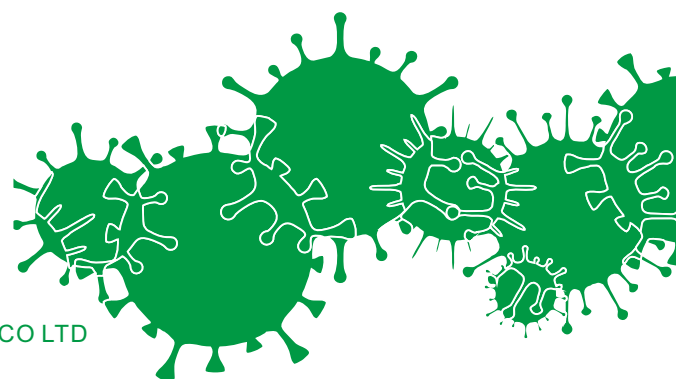
Item #	Product
Product name	PPRV Antibody Competitive ELISA Kit
Product Code	E40151
Package Size	96wells, 192wells, 480wells, 960wells
Test Principle	Competitive ELISA
Applied Sample	Plasma, serum
Applied Species	Goat, sheep, ovine, caprine
Sensitivity	97% compared with WOAH ELISA
Specificity	>99% compared with WOAH ELISA
Stability	12 months when stored at 2-8°C
Detection time	<90min



This kit was validated internally according to ISO standards.



In the 2025 PPR proficiency testing programs organized by WOAH PPR reference laboratory in ANSES, France, this kit demonstrated 100% accuracy with 100% sensitivity and 100% specificity. This kit was validated and evaluated by WOAH PPR reference lab in UK.



## PPRV Antibody Rapid Test Kit

### Kit specifications

Item #	Product
Product name	PPRV Antibody Rapid Test Kit
Product Code	C40152
Package Size	25tests, 50tests
Test Principle	Lateral flow immunoassay
Applied Sample	Plasma, serum, whole blood
Applied Species	Goat, sheep, ovine, caprine
Sensitivity	>90% compared with ELISA
Specificity	>80% compared with ELISA
Stability	24 months when stored at 2-30°C
Detection time	<90min

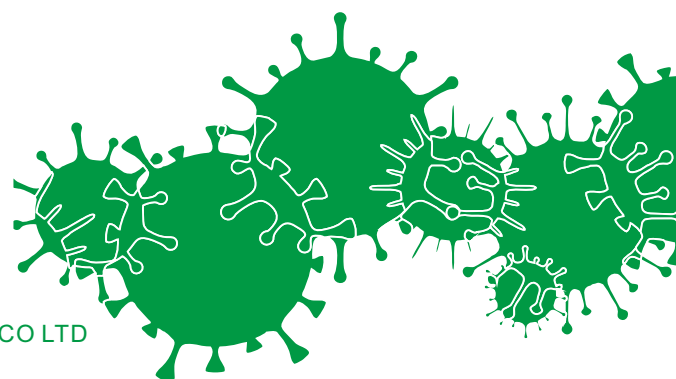


This kit was validated internally according to ISO standards.



In an internal evaluation and comparison of this rapid test kit with the WOAHP PPRV Ab ELISA Kit, the specificity was 80%, and the sensitivity was 95.38%.

The total agreement was 89.52%.



## Current Status of PPR management

Peste des Petits Ruminants (PPR), also known as sheep and goat plague, is a highly contagious animal disease affecting domestic and wild small ruminants.

A PPR outbreak is an emergency due to its rapid spread and high animal mortality rate. Fatal diseases of small ruminants, such as PPR, affect the already vulnerable livelihoods and can decimate the savings of poor populations, in particular in pastoral areas.

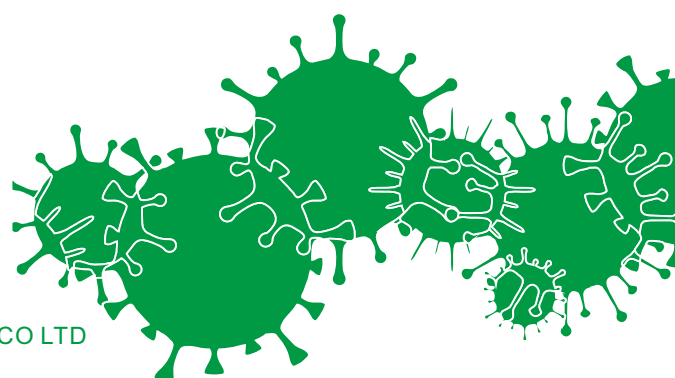
Together, WOA and the FAO developed the Global Control and Eradication Strategy of PPR and have set the goal of eradicating the disease by 2030.

### Application of PPR Test Kits

Parameters	PPR qPCR	PPR Ab ELISA	PPR Rapid Test
Scenario	➤ Government labs	Labs	Farm
Purpose	➤ Confirmation	Antibody evaluation	Antibody
Sensitivity	➤ Most sensitive	Sensitive	Less sensitive
Cost	➤ Highest	High	Low
Operation	➤ Complicated	Complicated	Easy

For more information of PPR, please visit WOA PPR web page.

<https://www.woah.org/en/disease/peste-des-petits-ruminants>





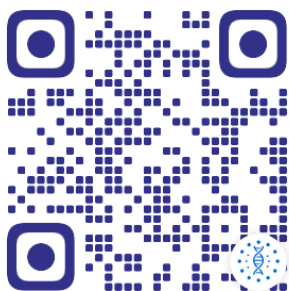
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**Contact us by WhatsApp**

+86-18600362934

**Ring Biotechnology Co Ltd**

Add: Building 3, Zhongtongtai Science Park, Beijing 100176, CHINA

Tel/Fax: +86.10.56267496

Web: [www.ringbio.com/](http://www.ringbio.com/) [www.antibodymall.com](http://www.antibodymall.com)

Email: [info@ringbio.com](mailto:info@ringbio.com)

RING BIOTECHNOLOGY CO LTD

