

Sample Preservative Fluid

Inactivation

Rapidly inactivate virus sample to ensure the safety of frontline medical workers.

Different packaging specifications available, suitable for different application scenarios.

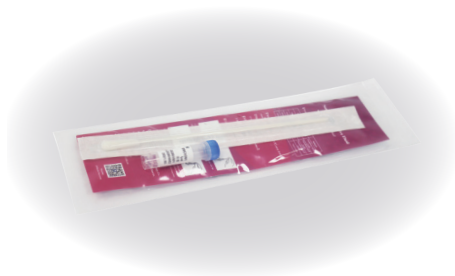
Convenience

Stability

Inhibit DNase / RNase activity, stable for transportation and storage at room temperature.

Usage

Stable preservation of virus from nasopharyngeal swab sample, Oropharyngeal Swab, tissue sample, saliva, whole blood, serum, plasma, alveolar lavage fluid, pleural effusion and other body fluid samples.



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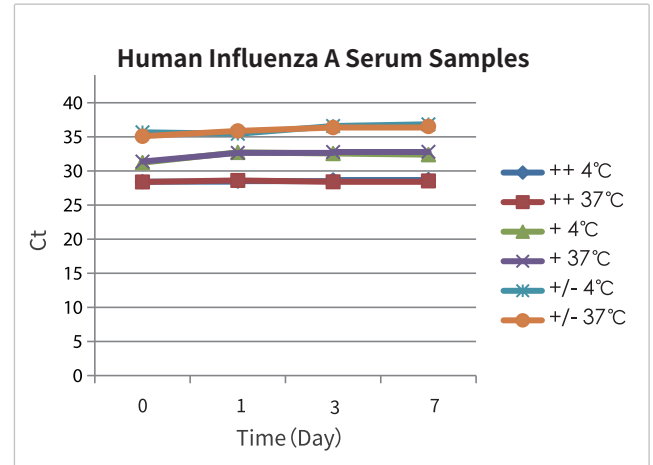


Application Cases

CASE 1

Tested samples are swabs from upper respiratory tract with different concentrations of influenza A virus stored in the Sample Preservative Fluid. The experiment is carried out to test stability of storage for 7 days at 4 ° C and 37 ° C. After extracting RNA by using BIOER MagaBio Virus DNA / RNA Purification Kit II (Cat. # BSC71) and detecting by Real time RT-PCR, the comparison results of average Ct values are as follows:

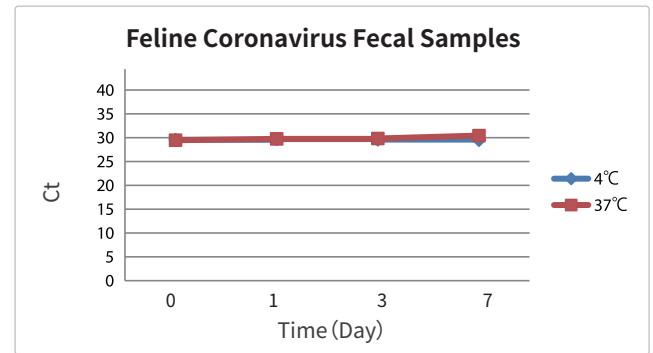
Sample	Storage Temp	Day 0	Day 1	Day 3	Day 7
++	4°C	28.43	28.51	28.67	28.74
	37°C	28.39	28.61	28.41	28.54
+	4°C	31.22	32.73	32.56	32.39
	37°C	31.38	32.65	32.78	32.81
+/-	4°C	35.67	35.45	36.59	36.84
	37°C	35.09	35.87	36.37	36.53



CASE 2

Tested samples are feline coronavirus-positive feces. Sample Preservative Fluid is used at a ratio of 1:10 (1g feces is stored in 10 mL Sample Preservative Fluid). The experiment is carried out to test stability of storage for 7 days at 4°C and 37°C. After extracting Fcov-RNA with BIOER MagaBio Virus DNA / RNA Purification Kit II (Cat. # BSC71) and detecting it by Real time RT-PCR, the Ct values are as follows:

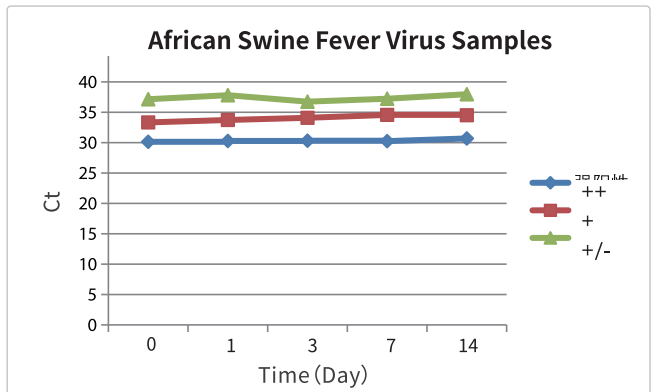
Storage Temp	Day 0	Day 1	Day 2	Day 7
4°C	29.56	29.71	29.6	29.51
37°C	29.47	29.75	29.83	30.44



CASE 3

Tested samples are whole blood positive with African Swine fever virus (ASFV) at different concentrations stored in Sample Preservative Fluid. The experiment is carried out to test stability of storage for 7 days at 4 ° C and 37 ° C. After extracting ASFV-DNA with BIOER MagaBio Virus DNA / RNA Purification Kit II (Cat. # BSC71) and detecting it by Real time PCR, the Ct values are as follows:

Sample	Day 0	Day 1	Day 3	Day 7	Day 14
++	30.14	30.28	30.32	30.25	30.69
+	33.33	33.73	34.09	34.57	34.51
+/-	37.15	37.81	36.75	37.23	37.97



Product	Cat. #	Specs.	Swab
Sample Preservative Fluid	BSC82S1	100mL	/
	BSC82M1	200 mL	/
	BSC82L1	1000 mL	/
	BSC82N1	50×1 mL	Nasopharyngeal swab × 50
	BSC82X1-A	50×2 mL	Oropharyngeal swab × 50
	BSC82X1-B	50×3 mL	Oropharyngeal swab × 50
	BSC82N1-1	50×1mL	Nasopharyngeal swab × 50
	BSC82X1-A1	50×2mL	Nasopharyngeal swab × 50

Product	Cat. #	Specs.	Swab
Sample Preservative Fluid	BSC82X1-B1	50×3mL	Nasopharyngeal swab × 50
	BSC82X1-C1	50×4mL	Nasopharyngeal swab × 250
	BSC82X1-E1	50×6mL	Nasopharyngeal swab × 500
	BSC82N1-2	50×1mL	Oropharyngeal swab × 50
	BSC82X1-A2	50×2mL	
	BSC82X1-B2	50×3mL	
	BSC82X1-C2	50×4mL	
	BSC82X1-E2	50×6mL	Oropharyngeal swab × 500

