



# Vcheck F Diagnostic Reagent Utilization Guide

\* Bring all reagents and samples to room temperature (15-30 °C) before use

Test Name			Sample					Storage condition (°C)	Sample volume (µl)	Testing time (min.)	Test range	
			Whole blood	Serum	Plasma	Feces	Conjunctival swab/Urine					
<b>Quantitative</b>												
Cardiac	Feline Tnl		●	●				1~30	100	10	< 0.18 ng/ml : Normal 0.18~0.28 ng/ml : Suspected > 0.28 ng/ml : Abnormal	
	Canine Tnl	●		●				1~30	100	10	< 0.1 ng/ml : Normal 0.1~0.2 ng/ml : Suspected > 0.2 ng/ml : Abnormal	
	Feline NT-proBNP		●	●				1~30	100	10	< 100 pmol/L : Normal ≥ 100 pmol/L : Abnormal	
	Canine NT-proBNP	●		●				2~8	100	15	< 900 pmol/L : Normal 900~1,800 pmol/L : Suspected > 1,800 pmol/L : Abnormal	
Coagulation	D-Dimer	●			● (Sodium Citrate)			2~8	5	5	< 0.3 µg/ml : Normal ≥ 0.3 µg/ml : Abnormal	
Inflammatory	CRP 2.0	●		●	● (Heparin)			1~30	5	5	< 20 mg/L : Normal 20~30 mg/L : Suspected > 30 mg/L : Abnormal	
	SAA 3.0		●	●	● (Heparin)			1~30	5	5	< 5 µg/ml : Normal 5~10 µg/ml : Suspected > 10 µg/ml : Abnormal	
Pancreatitis	cPL 2.0	●		●				1~30	25	5	< 200 ng/ml : Normal 200~400 ng/ml : Suspected > 400 ng/ml : Abnormal	
	fPL 2.0		●	●	● (EDTA)			1~30	25	15	≤ 3.5 ng/mL : Normal 3.6~5.3 ng/ml : Suspected ≥ 5.4 ng/ml : Abnormal	
Hormone	cCortisol	●		● (Plain)				2~8	50	20 (Incubate for 10 min.)	*ACTH-ST, LDDST, or HDDST refer to insert	
	T4	●	●	● (Plain)				2~8	50	20 (Incubate for 10 min.)	<b>Dog</b> < 1.0 µg/dL : Low 1.0~4.0 µg/dL : Normal > 4.0 µg/dL : High <b>Cat</b> < 0.8 µg/dL : Low 0.8~4.7 µg/dL : Normal 2.3~4.7 µg/dL : Suspected > 4.7 µg/dL : High	
	cTSH	●		● (Plain)				2~8	100	15	< 0.5 ng/mL : Normal ≥ 0.5 ng/mL : High	
	cProgesterone	●		● (Plain)				2~8	50	15	< 1.0 ng/mL : Anestrus or proestrus 1.0~1.99 ng/mL : pre-LH surge 2.0~2.99 ng/mL : LH surge 3.0~4.99 ng/mL : Post-LH surge, Pre-ovulation 5.0~12.0 ng/mL : Ovulation > 12.0 ng/mL : Post-ovulation	
<b>Semi-quantitative (Infectious &amp; Ab Titer)</b>												
Infectious	CCV Ag	●				●		2~30	100	10	Pos (+), COI ≥ 1 Neg (-), COI < 1	: Positive : Negative
	CDV Ag	●		●	●		●	2~30	100	10		
	CPV Ag	●				●		2~30	100	10		
	CPV/CCV Ag	●				●		2~30	100	10		
	CHW Ag	●		●	●			2~30	100	10		
	FCoV Ag		●			●		2~30	100	10		
	FPV Ag		●			●		2~30	100	10		
Ab Titer	CPV Ab	●		●	●			2~30	5	10	Negative (0~2) Medium Titer (3~3.5) High Titer (4~6)	: Poor immune status : Protective immunity : Well with protective immunity
	CDV Ab	●		●	●			2~30	5	10		
	CAV Ab	●		●	●			2~30	5	10		
	FHV Ab		●	●	●			2~30	5	10		
	FPV Ab		●	●	●			2~30	5	10		
	FCV Ab		●	●	●			2~30	5	10		