

Vcheck F Diagnostic Reagent Utilization Guide

* Bring all reagents and samples to room temperature (15-30 °C) before use
* Please refer to the IFU for further information



Test Name		Species	Sample			Storage condition (°C)	Sample volume (μl)	Testing time (min.)	Reference range	
			Whole blood	Serum	Plasma					
Quantitative										
Cardiac	Feline Tnl			S		1~30	100	10	< 0.18 ng/ml : Normal 0.18~0.28 ng/ml : Suspected > 0.28 ng/ml : Abnormal	
	Canine Tnl			S		1~30	100	10	< 0.1 ng/ml : Normal 0.1~0.2 ng/ml : Suspected > 0.2 ng/ml : Abnormal	
	Feline NT-proBNP			S		1~30	100	10	< 100 pmol/L : Normal ≥ 100 pmol/L : Abnormal	
	Canine NT-proBNP			S		2~8	100	15	< 900 pmol/L : Normal 900~1,800 pmol/L : Suspected > 1,800 pmol/L : Abnormal	
Kidney	SDMA	 		S	P (Heparin)	2~8	100	11	≤ 14 μg/dL : Normal (≤ 16 μg/dL in puppies) 14.1~19.9 μg/dL : Suspected ≥ 20 μg/dL : Abnormal	
Coagulation	D-dimer				P (Sodium Citrate)	2~8	5	5	< 0.3 μg/ml : Normal ≥ 0.3 μg/ml : Abnormal	
Inflammatory	CRP 2.0			S	P (Heparin)	1~30	5	5	< 20 mg/L : Normal 20~30 mg/L : Suspected > 30 mg/L : Abnormal	
	SAA 3.0			S	P (Heparin)	1~30	5	5	< 5 μg/ml : Normal 5~10 μg/ml : Suspected > 10 μg/ml : Abnormal	
Pancreatitis	cPL 2.0			S		1~30	25	5	< 200 ng/ml : Normal 200~400 ng/ml : Suspected > 400 ng/ml : Abnormal	
	fPL 2.0			S	P (EDTA)	1~30	25	15	≤ 3.5 ng/ml : Normal 3.6~5.3 ng/ml : Suspected ≥ 5.4 ng/ml : Abnormal	
Hormone	cCortisol			S (Plain)		2~8	50	20 (Incubate for 10 min.)	* ACTH ST, LDDST, or HDDST refer to insert	
	T4	 		S (Plain)		2~8	50	20 (Incubate for 10 min.)	Dog	
									< 1.0 μg/dL : Low 1.0~4.0 μg/dL : Normal > 4.0 μg/dL : High	
									Cat	
								< 0.8 μg/dL : Low 0.8~4.7 μg/dL : Normal > 4.7 μg/dL : High		
	cTSH			S (Plain)		2~8	100	15	< 0.5 ng/mL : Normal ≥ 0.5 ng/mL : High	
cProgesterone			S (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		

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			Whole blood	Serum	Plasma					
Quantitative - Equine panel										
Inflammatory	Equine SAA			S	P (Heparin)	2~8	5	5	< 10 mg/L : Normal 10~20 mg/L : Equivocal > 20 mg/L : Abnormal	
Hormone	eProgesterone			S (Plain)	P (Heparin)	2~8	50	15	≤ 2 ng/ml : Low > 2 ng/ml : High (gestation)	
Antibody	Foal IgG			S	P (EDTA)	2~30	5	5	< 400 mg/dL : Failure of passive transfer in foal 400~800 mg/dL : Partial failure of passive transfer in foal > 800 mg/dL : Successful passive transfer in foal	

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			Whole blood	Serum	Plasma	Feces	Conjunctival swab/Urine					
Semi-quantitative (Infectious & Ab Titer)												
Infectious	CCV Ag					F		2~30	N/A	10	Pos (+), COI ≥ 1 : Positive Neg (-), COI < 1 : Negative	
	CDV Ag			S	P		C/U	2~30	N/A	10		
	CPV Ag					F		2~30	N/A	10		
	CPV/CCV Ag					F		2~30	N/A	10		
	CHW Ag		WB	S	P			2~30	50 (WB) 25 (S/P)	10		
	FCoV Ag					F		2~30	N/A	10		
	FPV Ag					F		2~30	N/A	10		
Ab Titer	CPV Ab			S	P			2~30	5	10	Negative (0) Low Titer (1~2) : Poor immune status Medium Titer (3~3.5) : Protective immunity High Titer (4~6) : Well with protective immunity	
	CDV Ab			S	P			2~30	5	10		
	CAV Ab			S	P			2~30	5	10		
	FHV Ab			S	P			2~30	5	10		
	FPV Ab			S	P			2~30	5	10		
	FCV Ab			S	P			2~30	5	10		