

# Vcheck F Diagnostic Reagent Utilization Guide



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\* 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					
<b>Quantitative</b>									
<b>Cardiac</b>	Feline Tnl			<b>S</b>		1~30	100	10	< 0.18 ng/ml : Normal 0.18-0.28 ng/ml : Suspected > 0.28 ng/ml : Abnormal
	Canine Tnl			<b>S</b>		1~30	100	10	< 0.1 ng/ml : Normal 0.1-0.2 ng/ml : Suspected > 0.2 ng/ml : Abnormal
	Feline NT-proBNP			<b>S</b>		1~30	100	10	< 100 pmol/L : Normal ≥ 100 pmol/L : Abnormal
	Canine NT-proBNP			<b>S</b>		2~8	100	15	< 900 pmol/L : Normal 900~1,800 pmol/L : Suspected > 1,800 pmol/L : Abnormal
<b>Coagulation</b>	D-dimer				<b>P</b> (Sodium Citrate)	2~8	5	5	< 0.3 µg/ml : Normal ≥ 0.3 µg/ml : Abnormal
<b>Inflammatory</b>	CRP 2.0			<b>S</b>	<b>P</b> (Heparin)	1~30	5	5	< 20 mg/L : Normal 20-30 mg/L : Suspected > 30 mg/L : Abnormal
	SAA 3.0			<b>S</b>	<b>P</b> (Heparin)	1~30	5	5	< 5 µg/ml : Normal 5-10 µg/ml : Suspected > 10 µg/ml : Abnormal
<b>Pancreatitis</b>	cPL 2.0			<b>S</b>		1~30	25	5	< 200 ng/ml : Normal 200-400 ng/ml : Suspected > 400 ng/ml : Abnormal
	fPL 2.0			<b>S</b>	<b>P</b> (EDTA)	1~30	25	15	≤ 3.5 ng/ml : Normal 3.6-5.3 ng/ml : Suspected ≥ 5.4 ng/ml : Abnormal
<b>Hormone</b>	cTSH			<b>S</b>		2~8	100	15	< 0.5 ng/mL : Normal ≥ 0.5 ng/mL : High
	cProgesterone			<b>S</b>		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 5.0-12.0 ng/mL : Pre-ovulation > 12.0 ng/mL : Ovulation : Post-ovulation

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		Whole blood	Serum	Plasma					
<b>Quantitative</b>									
<b>Hormone</b>	cCortisol			<b>S</b>		2~8	50	20 (Incubate for 10 min.)	* ACTH ST, LDDST, or HDDST refer to insert
	T4			<b>S</b>		2~8	50	20 (Incubate for 10 min.)	<b>Dog</b>
									< 1.0 µg/dL : Low
									1.0~4.0 µg/dL : Normal
<b>Cat</b>									
< 0.8 µg/dL : Low									
0.8~4.7 µg/dL : Normal									
> 4.7 µg/dL : High									

Test Name	Species	Sample			Storage condition (°C)	Sample volume (µl)	Testing time (min.)	Reference range	
		Whole blood	Serum	Plasma					
<b>Quantitative - Equine panel</b>									
<b>Inflammatory</b>	Equine SAA			<b>S</b>	<b>P</b> (Heparin)	2~8	5	5	< 10 mg/L : Normal 10~20 mg/L : Equivocal > 20 mg/L : Abnormal
<b>Hormone</b>	eProgesterone			<b>S</b>	<b>P</b> (Heparin)	2~8	50	15	≤ 2 ng/ml : Low > 2 ng/ml : High (gestation)
<b>Antibody</b>	Foal IgG		<b>WB</b> (EDTA or heparin)	<b>S</b>	<b>S</b> (EDTA or heparin)	2~30	10 (WB) 5 (S/P)	5	< 400 mg/dL : Failure of passive transfer in foal 400~800 mg/dL : Partial failure passive transfer in foal > 800 mg/dL : Successful passive transfer in foal