

TIPS FOR SUCCESS:

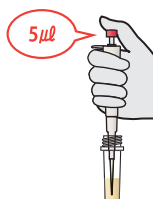
- Ensure that test devices, reagents and samples are at room temperature (15–30°C) before use.
- Before running a sample, select "Standard Test" on the screen, then insert the test device without the sample. This allows the Vcheck to read the barcode.
- Once the barcode is read, the test device will extend from the analyzer. Keep the device in place and add the sample. Not following this step can disrupt the internal quality control process.
- Follow the Quick Guide or the on-screen mixing instructions once the test device is inserted into the Vcheck.
- Please note, all hormone tests require non-additive Serum.

***Note: Diluent tubes are not interchangeable amongst tests.

Serum Plasma (heparin) 1–30 °C

Vcheck Canine CRP 2.0

Dilute sample



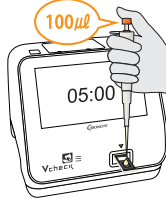
Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent bottle.

Mix



Close the bottle cap and shake for 5–6 times to mix thoroughly.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal

< 20 mg/L

Equivocal

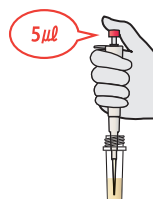
20 ~ 30 mg/L

Abnormal

> 30 mg/L

Vcheck Feline SAA 3.0

Dilute sample



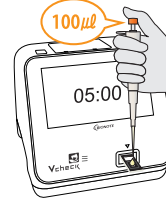
Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent tube.

Mix



Close the tube cap and shake for 5–6 times to mix thoroughly.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal

< 5 µg/ml

Equivocal

5 ~ 10 µg/ml

Abnormal

> 10 µg/ml

Serum 1–30 °C

Vcheck cPL 2.0

Dilute sample



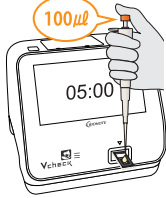
Use a 25 µl pipette to draw 25 µl of the serum and add to the assay diluent tube.

Mix



Use a 100 µl pipette to mix the sample with diluent by pipetting 5–6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal

< 200 ng/ml

Suspected

200 ~ 400 ng/ml

Pancreatitis

> 400 ng/ml

Serum Plasma (EDTA) 1–30 °C

Vcheck fPL 2.0

Dilute sample



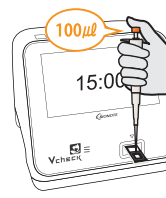
Use a 25 µl pipette to draw 25 µl of the sample and add into an assay diluent tube.

Mix



Use a 100 µl pipette to mix the sample with diluent by pipetting 5–6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal

≤ 3.5 ng/ml

Suspected

3.6 ~ 5.3 ng/ml

Pancreatitis

≥ 5.4 ng/ml

Plasma (sodium citrate) 2–8 °C

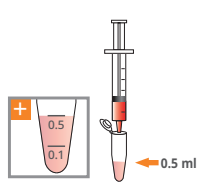
Vcheck D-dimer

Sodium citrate



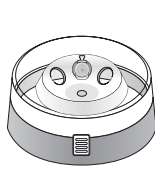
Use a 50 µl pipette to take 50 µl of included sodium citrate and add it into a 1.5 ml tube.

Whole blood



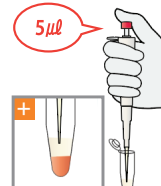
Add 450 µl of whole blood to the line of 0.5 ml.
* Sodium citrate(50 µl) : whole blood(450 µl) = 1:9 ratio

Centrifuge



Mix the tube gently using a wrist snap making an 8-character shape and centrifuge at 3,000 rpm for 15 min.

Dilute sample



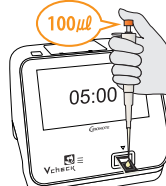
Use a 5 µl pipette to draw 5 µl of plasma and add it to the assay diluent tube.

Mix



Use a 100 µl pipette to mix the sample with diluent by pipetting 5–6 times.

Measure



Add all of the mixed sample to the sample well of the test device and press [START].

Normal

< 0.3 µg/ml

Abnormal (TED/DIC probable)

≥ 0.3 µg/ml

*Serum (non-additive) for: T4, cTSH, cCortisol, cProgesterone

Serum (***DO NOT USE SST TUBE**)

2-8 °C

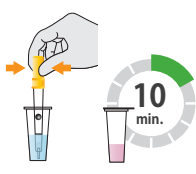
Vcheck T4

Dilute sample



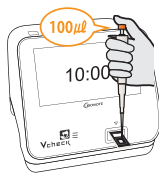
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

Mix & Incubate



Use a tablet pipette to mix at least 8 times until the tablet is **completely dissolved**. Incubate the sample mixture at room temperature for 10 minutes.

Measure



Add 100 µl of incubated sample to the sample well of the test device and press [START].

Dog					Cat			
Low	Low normal	Normal	High	Therapeutic	Low	Normal	Gray zone	Hyperthyroidism
<1.0	1.0-2.0	1.0-4.0	>4	2.1-5.4 µg/dL	<0.8	0.8-4.7	2.3-4.7	>4.7 µg/dL

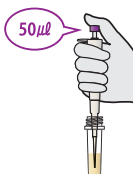
*Serum (non-additive) for: T4, cTSH, cCortisol, cProgesterone

Serum (***DO NOT USE SST TUBE**)

2-8 °C

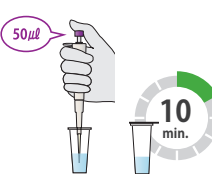
Vcheck cCortisol

Dilute sample



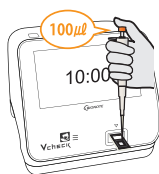
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

Mix & Incubate



Use the same pipette to mix the sample with diluent by pipetting 5-6 times. Incubate the sample mixture at room temperature for 10 minutes.

Measure



Add 100 µl of incubated sample to the sample well of the test device and press [START].

* Please refer to the product Instructions for Use to determine the results of ACTH ST, LDDST, or HDDST.

Serum

1-30 °C

Vcheck Feline NT-proBNP

Dilute sample



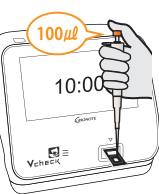
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	Abnormal
< 100 pmol/L	≥ 100 pmol/L

Serum

1-30 °C

Vcheck Feline Tnl

Dilute sample



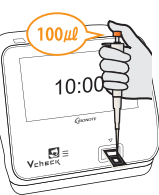
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	Suspected	Abnormal
< 0.18 ng/ml	0.18 ~ 0.28 ng/ml	> 0.28 ng/ml

*Serum (non-additive) for: T4, cTSH, cCortisol, cProgesterone

Serum (***DO NOT USE SST TUBE**)

2-8 °C

Vcheck cTSH

Dilute sample



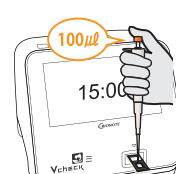
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	High
< 0.5 ng/mL	≥ 0.5 ng/mL

*Serum (non-additive) for: T4, cTSH, cCortisol, cProgesterone

Serum (***DO NOT USE SST TUBE**)

2-8 °C

Vcheck cProgesterone

Dilute sample



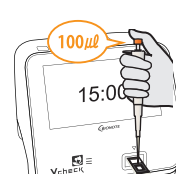
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Anestrus or proestrus	Pre-LH surge	LH surge	Post-LH surge	Ovulation	Post-ovulation
< 1.0 ng/mL	1.0 ~ 1.99	2.0 ~ 2.99	3.0 ~ 4.99	5.0 ~ 12.0	> 12.0

Serum

2-8 °C

Vcheck Canine NT-proBNP

Dilute sample



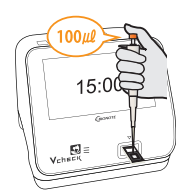
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	Suspected	Abnormal
< 900 pmol/L	900 ~ 1,800 pmol/L	> 1,800 pmol/L

Serum

1-30 °C

Vcheck Canine Tnl

Dilute sample



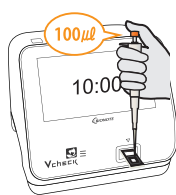
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.

Measure



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	Suspected	Abnormal
< 0.1 ng/ml	0.1 ~ 0.2 ng/ml	> 0.2 ng/ml

Vcheck SDMA

* Please place each sample and packaged kit component at room temperature (15-30°C) **30 minutes before use**. Warming them up by hand or any other improper elevation of the temperature should be avoided as it may generate invalid results.

Sample

100µl

Use a 100 µl pipette to draw 100 µl of the sample and add to a 1.5 ml tube.

Pretreatment

25µl

Use a 25 µl pipette to draw 25 µl of the Pretreatment Buffer and add it to the 1.5 ml tube.

* The end of the pipette tip should be applied onto the inner wall of the tube to prevent the pipette tip from clogging.

Mix

Mix well using a vortex mixer. If not, tap with fingers 6-8 times.

* Ensure that the sample and pretreatment buffer are well mixed to form white sediment.

Centrifuge

Centrifuge at 10,000 rpm for 5 min within 10 seconds from the mixing stage.

Collect supernatant

50µl

Collect 50 µl of the separated supernatant and transfer to a new 1.5 ml tube.

* Be careful not to bring the sediments at the bottom.

Assay diluent

50µl

Collect 50 µl of the assay diluent and add it to the tube containing the supernatant. Mix well 5-6 times.

Mix

Within one minute, use a disposable tablet pipette to mix well until the white tablet dissolves completely.

Measure

Add all of the mixed sample into the sample hole of the test device and press [START].

Normal	Suspected	Kidney disease probable
≤ 14 µg/dL	14.1 - 19.9 µg/dL	≥ 20 µg/dL

Vcheck SDMA 2.0

Dilute Sample

25µl

Use a 25 µl pipette to draw 25 µl of the sample and add into an assay diluent tube.

Mix

X8

Use a tablet pipette to mix over 8 times until the tablet is completely dissolved.

Measure

100µl

10:00

Add 100 µl of mixed sample to the sample well of the test device and press [START].

Normal	Suspected	Kidney disease probable
≤ 14 µg/dL	14.1 - 19.9 µg/dL	≥ 20 µg/dL
(≤ 16 µg/dL in puppies)		

TIPS FOR SUCCESS:

- Ensure that test devices, reagents and samples are at room temperature (15–30°C) before use.
- Before running a sample, select "Standard Test" on the screen, then insert the test device without the sample. This allows the Vcheck to read the barcode.
- Once the barcode is read, the test device will extend from the analyzer. Keep the device in place and add the sample. Not following this step can disrupt the internal quality control process.
- Follow the Quick Guide or the on-screen mixing instructions once the test device is inserted into the Vcheck.
- Please note, all hormone tests require non-additive Serum.

***Note: Diluent tubes are not interchangeable amongst tests.

Serum

Plasma (heparin)


2-8°C

Vcheck Equine SAA


Dilute sample

Mix

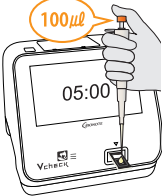
Measure



Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent bottle.



Close the bottle cap and shake for 5-6 times to mix thoroughly.



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	Equivocal	Abnormal
< 10 mg/L	10 ~ 20 mg/L	> 20 mg/L

Serum (non-additive)


2-8°C

Vcheck eProgesterone


Dilute sample

Mix

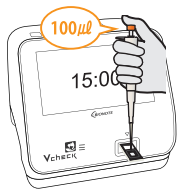
Measure



Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.



Use the same pipette to mix the sample with diluent by pipetting 5-6 times.



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Low	High (gestation)
≤ 2 ng/ml	> 2 ng/ml

Serum

Plasma (EDTA)

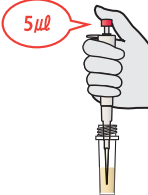
2-30°C

Vcheck Foal IgG


Dilute sample

Mix

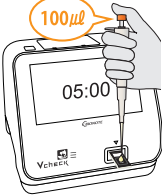
Measure



Use a 5µl pipette to draw 5µl of the serum or plasma (EDTA) sample, and add to the assay diluent tube.



Close the bottle cap and shake for 5-6 times to mix thoroughly.



Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Failure of passive transfer in foal	Partial failure of passive transfer in foal	Successful passive transfer in foal
< 400 mg/dL	400 ~ 800 mg/dL	> 800 mg/dL