

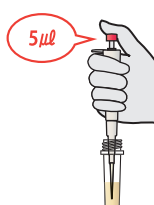
FOR ALL TESTS :

- * Refrigerated test devices, reagents, and samples must be at room temperature (15~30°C) before use.
- * Before running a sample, on the screen select "Standard Test", then insert the test device without the sample. This allows the Vcheck to read the barcode.
- * After the barcode has been read, the test device will extend from analyzer. **While keeping the device inserted, add the sample.** Failure to do so will contaminate the internal Q/C process.
- * Follow the quick guide or on-screen mixing instructions once the test device is inserted in the Vcheck.
- * Do not use serum separator tubes with the Vcheck hormone tests.

Serum Plasma (heparin) 1-30°C

Vcheck Canine CRP 2.0

Dilute sample



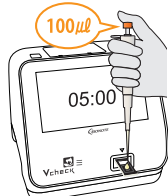
Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent bottle.

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

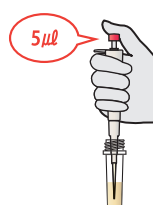
Abnormal

> 30 mg/L

Serum Plasma (heparin) 1-30°C

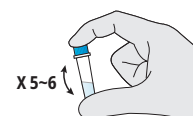
Vcheck Feline SAA 3.0

Dilute sample



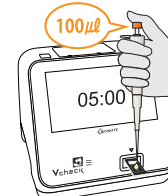
Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent tube.

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



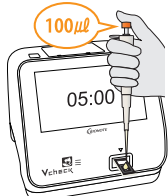
Use a 25 µl pipette to draw 25 µl of the serum and add to the assay diluent tube.

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

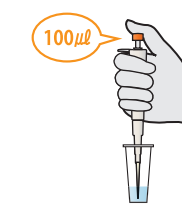
Vcheck fPL 2.0

Dilute sample



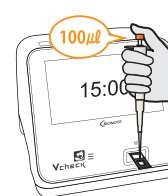
Use a 25 µl pipette to draw 25 µl of the sample and add into an assay diluent tube.

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

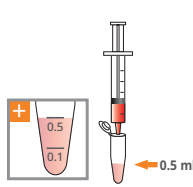
Vcheck D-dimer

Sodium citrate



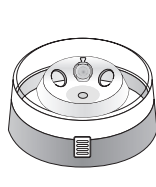
Use a 50 µl pipette to take 50 µl of sodium citrate and add it into a 1.5 ml tube.

Whole blood



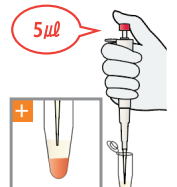
Add 450 µl of whole blood to the line of 0.5 ml.
* Sodium citrate(50 µl) : whole blood(450 µl) =1:9 ratio

Centrifuge



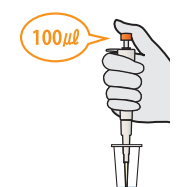
Mix the tube gently using a wrist snap making an 8-character shape and centrifuge at 3,000 rpm for 15 min.

Dilute sample



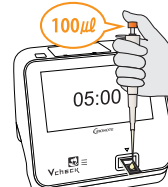
Use a 5 µl pipette to draw 5 µl of plasma and add it to the assay diluent tube.

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 (***DO NOT USE SST TUBE**) 2-8°C

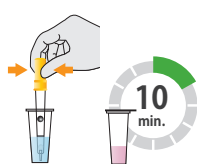
Vcheck T4

Dilute sample



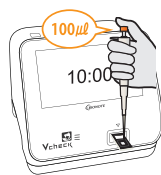
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

Mix & Incubate



Use a tablet pipette to mix over 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 (***DO NOT USE SST TUBE**) 2-8°C

Serum (***DO NOT USE SST TUBE**) 2-8°C

Vcheck cTSH

Dilute sample



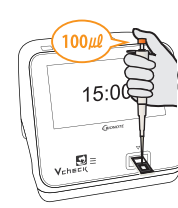
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

Mix



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

Measure



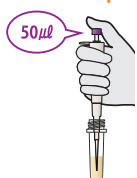
Add 100 µl of the mixed sample to the sample well of the test device and press [START].

Normal	High
< 0.5 ng/mL	≥ 0.5 ng/mL

Serum (***DO NOT USE SST TUBE**) 2-8°C

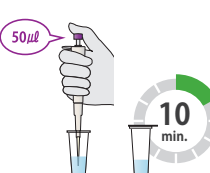
Vcheck cCortisol

Dilute sample



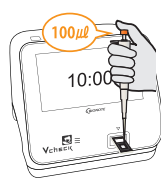
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

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 cProgesterone

Dilute sample



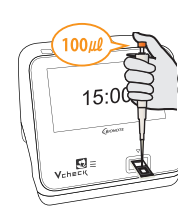
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

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 Feline NT-proBNP

Dilute sample



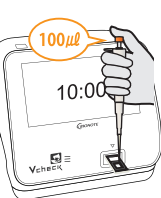
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

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 Canine NT-proBNP

Dilute sample



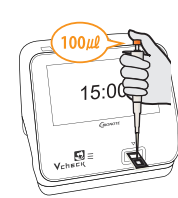
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

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 Feline Tnl

Dilute sample



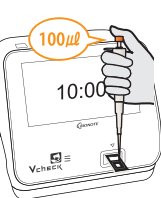
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

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

Vcheck Canine Tnl

Dilute sample



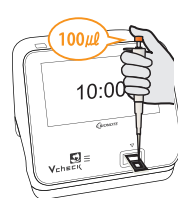
Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.

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

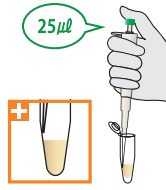
* Please place each sample and packaged kit component at room temperature (15-30°C) 30 minutes before use. Warming them up by hand or any other improper elevation of the temperature should be avoided as it may generate invalid results.

Sample



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

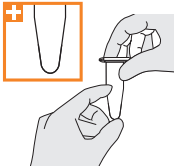
Pretreatment



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.

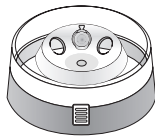
Mix



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.

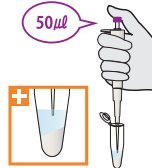
Centrifuge



Centrifuge at 6,000 x g for 5 min within 10 seconds from the mixing stage.

* (10,000 RPM for 5 min with the centrifuge provided by Bionote)

Collect supernatant



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



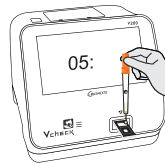
Collect 50 µl of the assay diluent and add it to the tube containing the supernatant. Mix well 5-6 times.

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

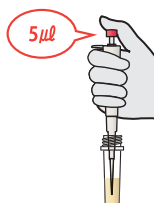
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- * After the barcode has been read, the test device will extend from analyzer. **While keeping the device inserted, add the sample.** Failure to do so will contaminate the internal Q/C process.
- * Follow the quick guide or on-screen mixing instructions once the test device is inserted in the Vcheck.
- * Do not use serum separator tubes with the Vcheck hormone tests.

Serum Plasma (heparin) 2-8°C

Vcheck Equine SAA

Dilute sample



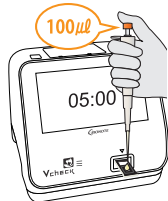
Use a 5 µl pipette to draw 5 µl of the sample and add into an assay diluent bottle.

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

< 10 mg/L

Equivocal

10 ~ 20 mg/L

Abnormal

> 20 mg/L

Serum Plasma (heparin) 2-8°C

Vcheck eProgesterone

Dilute sample



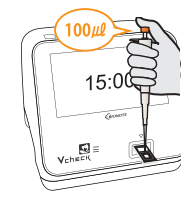
Use a 50 µl pipette to draw 50 µl of the serum and add to the assay diluent tube.

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].

Low

≤ 2 ng/ml

High (gestation)

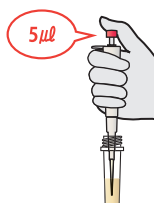
> 2 ng/ml

Whole blood (EDTA or heparin)

Serum Plasma (EDTA or heparin) 2-30°C

Vcheck Foal IgG

Dilute sample



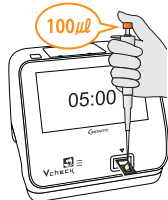
Use a 5 µl pipette to draw 5 µl of the serum, plasma (EDTA or heparin) sample or use a 10 µl pipette to draw 10 µl whole blood sample and add to the assay diluent tube.

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].

Failure of passive transfer in foal

< 400 mg/dL

Partial failure of passive transfer in foal

400 ~ 800 mg/dL

Successful passive transfer in foal

> 800 mg/dL