



## CPL Test

### Canine Pancreatitis Test



Bioguard Canine Pancreatitis Test is a sandwich lateral flow immunoassay, developed and manufactured by Bioguard Corporation, for rapid and qualitative detection of canine pancreas-specific lipase(cPL) in dog's blood. The test device has a testing window, coated by an invisible T1 (Test 1), T2 (Test 2) and C (control) zone. When the specimen is applied to the sample hole of the test device, cPL in the specimen migrates along the nitrocellulose membrane and forms complexes with the anti-cPL antibodies coated on the membrane. When a dog has pancreatitis, the T2 line will appear and darker than the T1 line, which can be used to diagnose dogs suspected of pancreatitis.

### KIT COMPONENTS

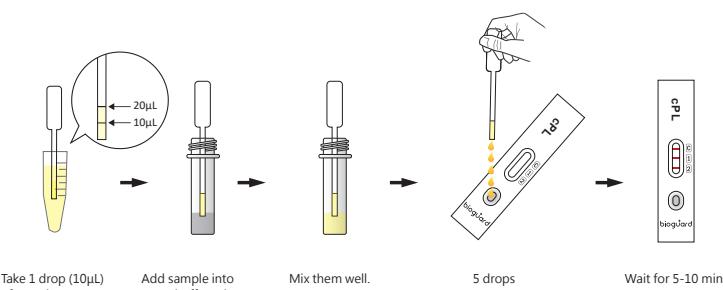
COMPONENTS	5 TESTS /Kit	10 TESTS /Kit
cPL test device	5	10
Disposable dropper	5	10
EDTA blood collection tube	5	10
Assay buffer bottle	5	10
Instruction manual	1	1

### SPECIMEN

Dog's serum or plasma.

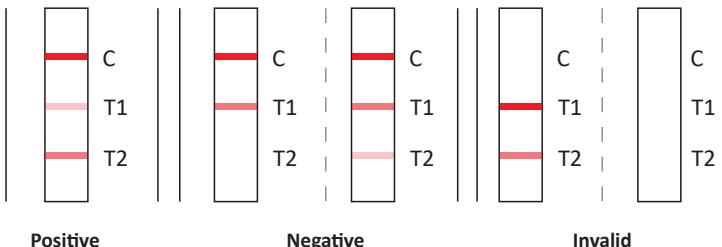
### TEST PROCEDURE

- Remove the sealed pouch, assay buffer bottle and EDTA blood collection tube from the box.
- Take out the cassette from the foil pouch and place it horizontally on a clean surface.
- Take dog's serum or plasma (centrifugation from EDTA tube) as sample.
- Take 1 drop (10 $\mu$ L) of sample by disposable dropper dropper into a vial of assay buffer and mix well. Then drop 4 drops (100 $\mu$ L) of the diluted sample into the well.
- Interpret the result in 5-10 minutes. The result after 10 minutes is not allowed to be read.



### INTERPRETATION OF RESULTS

- Positive:** The intensity of the color in T2 line should be stronger than that in T1.
- Negative:** The intensity of the color in T2 line is weaker than that in T1 or no colored band appears on the T2 line.
- Invalid:** No colored band appears in C zone, no matter whether T band appears.



### STORAGE

- The kits should be stored between 2-30°C. DO NOT FREEZE. If they are stored under cold circumstance, keep them at room temperature for 15~30 minutes before use.
- Do not store the test kit in direct sunlight.
- The test kits are stable through the expiration date (12 months) marked on the foil pouch.

### PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- Please pay attention to the expiration date marked on the foil pouch before using. Do not use the expired kits.
- Do not remove the kit from the foil pouch until the test is ready to be carried out in case that the kit is overly exposed to the air and affected by humidity, and all the manipulating process should be finished within 10 minutes after the foil pouch is opened.
- All the test devices in the box, including test kit, dropper, assay buffer and EDTA tube are all disposable. Do not reuse. Once the test is finished, please properly discard all specimens and kits in accordance with Good Laboratory Practice (GLP).
- Do not move the test strip after samples applied into the sample wells in case of abnormal occurrence on the test strips.
- The components in this kit have been quality-controlled as a standard batch unit. Do not mix components from different lot number units.

### LIMITATION

The test is for veterinary use and in vitro diagnosis only, and **it is not able to exclude all the possibility of false negative and false positive results caused by various factors**. Hence, besides the results from test kits, veterinarians should also consider other clinical information and laboratory diagnostic methods to make the definite diagnosis in practice.

