

1. ANIMAL DISEASE DIAGNOSTIC SERVICE

The Laboratory is task to perform the diagnosis of animal diseases through examination of animal tissues, blood sample, and fecal sample, sick or unhealthy and dead animals for specific treatment / prevention and control of disease.

Schedule of availability of Services

Monday to Friday 8:00 A.M. – 5:00 P.M.

Office or Division:	REGIONAL ANIMAL DISEASE DIAGNOSTIC LABORATORY			
Classification:	COMPLEX			
Type of Transaction:	G2G – Government to Government/ G2C – Government to Client/ G2B – Government to Business			
Who may avail:	LGU's, Private individuals, Companies, farmers, student researchers, research institutions and victims of animal bites.			
CHECKLIST OF REQUIREMENT		WHERE TO SECURE		
<i>Refer to the list of requirements below (page 103)</i>		c/o Requisitioner		
CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
<p>1. Submit samples or specimen (tissues, blood, serum, dog's heads & feces & etc. of animal)</p> <p>Provides the following: Name/Owner Complete Address: Contact No:</p> <p>2. Sample: Species: Age: Sex: Breed: Population: No. of heads affected:</p>	<p>Step 1.1: Receive and record of the samples</p>	None	3 minutes	Lab. Tech II/ RADDL Staff

	b. Rabies exam.	Free	4hrs/ sample	Veterinarian IV/ Veterinarian III/ Veterinarian II
	3. Bacteriology			
	a. Antibiotic Sensitivity Test	150.00/ organism	2days/ sample	Veterinarian IV/ Veterinarian III/ Veterinarian II
	b. Bacterial Isolation	250.00/ organism	4days/ sample	Veterinarian IV/ Veterinarian III/ Veterinarian II
	c. Water Coliform Test	150.00/ Sample	4days/ sample	Veterinarian III/ Veterinarian II/ Lab. Tech II
	4. Parasitology			
	a. Blood Parasite Exam.			
	1. DME (Direct Microscopic Exam.)	150.00/ Sample	1hr/sample	Veterinarian III/ Veterinarian II/
	b. Fecal Exam			
	1. DME	25.00/ sample	5mins/ sample	Veterinarian III/ Veterinarian II/
	c. Ectoparasite exam.	150.00/ sample	1.5hrs/ sample	
	d. Schistosomiasis	50.00/ Sample	12hrs for 6 samples	Veterinarian IV/ Veterinarian III/ Veterinarian II
	5. Serology			
	▪ CATT (Card Agglutination test for Trypanosoma)	150.00/ Sample	20mins/ sample	
	▪ MHCT (Microhaematocrit test)	150.00/ Sample		
	▪ Brucella Rose Bengal Test	150.00/ Sample		
	▪ Newcastle Disease (HA-HI) test	150.00/ Sample		
	▪ Salmonella Pollurom (Rapid test)	150.00/ Sample		
	▪ Mycoplasma gallicepticum	150.00/ sample		
	Step 2.5: Interpretation of Result			
	a. Evaluation/ verifying		15mins/	Veterinarian IV/

	and analysis		Sample	Veterinarian III/ Veterinarian II
	b. Recording and encoding of examination		10 minutes	Veterinarian IV/ Veterinarian III/ Veterinarian II Lab. Tech. II
	c. Approve results		5 minutes	Veterinarian IV
3. Pay corresponding fees at the Regional Office	Step 3.1: Issuance of Official Receipt	Refer to corresponding fees of the service	15minutes	Regional Cashier Cashiering Unit
4. Collect copy of the result	Step 4.1: Logged and release the result	None	5minutes	Lab. Tech II/ RADDL Staff
TOTAL				

Requirements to be submitted

Diagnosis/ Test to be performed	Animal parts/specimen to submit
<ul style="list-style-type: none"> • Pathology • Gross Pathology (Necropsy) • Clinical Pathology(CBC) Auto • Hematology Analyser • Pack Cell Volume (PCV) 	<ul style="list-style-type: none"> • acute/ chronically ill / and dead animal within 6 hours after death • whole blood (fresh / refrigerated blood with anticoagulant EDTA)
2. Virology <ul style="list-style-type: none"> • CAE (Caprine Arthritis Encephalitis) (ELISA TEST) • Rabies Examination – Fluorescent Antibody Test (FAT) • Hog Cholera (ELISA Test) • Porcine Reproductive Respiratory Syndrome(ELISA) • Porcine Circovirus 2 (ELISA) 	<ul style="list-style-type: none"> • Whole blood (3 ml) or serum 1 ml • head of animal (all warm blooded animals except humans) (fresh or frozen) • Fresh whole blood 3ml or serum 1ml • Fresh whole blood 3ml or serum 1ml • Fresh whole blood 3ml or serum 1ml
3. Bacteriology <ul style="list-style-type: none"> • Bacterial Isolation • Antibiotic Sensitivity Test • Water Coliform 	<ul style="list-style-type: none"> • Fresh animal tissues (heart, lungs, spleen, kidney and intestine & etc) • Isolates from bacterial isolation. • Fresh water in autoclaved container (secure from the laboratory)

<p>4. Parasitology</p> <ul style="list-style-type: none"> • Blood Parasite Examination • Fecal Examination (flotation/sedimentation) • Schistosomiasis Examination • Ectoparasite Exam. 	<ul style="list-style-type: none"> • Whole blood 5ml (fresh/refrigerated and heparinized) • Fecal matter (at least 30 grams) • Fresh fecal matter (at least 50 grams) • skin scraping
<p>5. Serology</p> <ul style="list-style-type: none"> • CATT (Card Agglutination test for Trypanosoma) • MHCT (Microhaematocrit test) • MIT (Mouse Inoculation test) • Brucella Rose Bengal Test • Newcastle Disease (HA-HI) test • Salmonella Pollurom (Rapid test) • Mycoplasma gallicepticum (ELISA) 	<ul style="list-style-type: none"> • blood serum at least 3 ml • Whole blood 5 ml (fresh ,refrigerated/heparinized) • whole blood fresh or refrigerated/heparinized and any suspect organism • Blood serum at least 2ml • Blood serum at least 2 ml • Blood serum at least 2 ml • Blood serum at least 2 ml

Clients' Responsibilities:

- Clients must observe proper labeling, storage and transporting of specimen/sample.
- Clients must tell the truth during interview and history taking.
- Clients must consult physicians or veterinarians after knowing the result of examination.
- Must claim/receive the result of laboratory examination and must pay the examination fees.
- Clients should keep laboratory results for future reference.
- Clients must report to concerned authorities cases of zoonotic animal diseases that occurred in their farms or premises.

General Guidelines in the Collection and Submission of Specimens

- Selection of animals or samples representative of the problem is the responsibility of the veterinarian in the field. If the field veterinarian asked the owner to present his own samples or animals to the laboratory, the owner should be provided with a completed submission form.
- Select specimens relevant to the problem under investigation.
- Collect materials as early in the acute stage of the infection as soon as possible.

- Preferably submit whole animals to the laboratory. If total necropsy is required, submit live animals so that autolysis does not hinder diagnosis. Pre-mortem clinicopathological tests can be taken to supplement post-mortem findings. Dead animals should be submitted within six (6) hours following the death of the animal to prevent invasion of suspected tissue by saprophytic microorganisms. At least 3 animals should be submitted. In the case of chickens, 0 to 6 weeks of age, or at least 6 are required.
- If it is not convenient to submit whole animals, submit tissue samples relevant to the problem under investigation. Select fresh specimens. Collect materials as aseptically as possible even if they are not for microbiological tests. If there is any doubt about what specimens to send, consult the laboratory personnel.
- Identify the sample clearly. Place each sample on container, and label it properly, not on the stopper or cap.
- Adequate cooling of fresh material is absolutely essential. The inclusion of ice or coolant packs in all boxes containing fresh tissues is strongly urged. This is particularly important with specimens for microbiological tests, but is also valuable for fresh materials. Frozen tissues are suitable for virology, chemistry, and most bacteriology but are not suitable for Histopathology for Parasitology. Only if the specimens are likely to take more than 24 hours to reach the laboratory it is necessary, or desirable, to freeze the specimens and send them in state. For fixed tissues, indicate the type of fixative.
- Materials sent by public transport must be properly packed. Disposable plastic or glass containers are recommended for use whenever possible. Avoid using plastic bags for any specimen; they often leak and are pervious to bacteria.
- All submitted samples are already laboratory property

Complaints and Feedback

Customers can get the Citizen Feedback Form from the Public Assistance Desk, accomplish and forward it to the Office of the Regional Director or drop in the suggestion box at the Public Assistance Desk.