	FACULTY OF VETERINARY MEDICINE VETERINARY LABORATORY SERVICES UNIT
	DOCUMENT CODE: UPM/FPV/VLSU/G003


VLSU FEE SCHEDULE

BACTERIOLOGY

NO.	EXAMINATION/TEST	FEE
1	Bacterial isolation and identification	36.00
2	Special culture and identification (<i>Anaerobes</i>)	60.00
3	Special culture and identification (<i>Leptospira</i>)	150.00
4	Special culture and identification (<i>Brucella</i>)	90.00
5	Fungal culture and identification	12.00
6	Antibiotic Sensitivity Test *one organism (for a maximum of 6 antibiotics)	19.00
7	Microscopic agglutination test (MAT)	36.00
8	Polymerase chain reaction (PCR) for <i>Leptospira</i>	120.00
9	PCR for any bacteria	120.00
10	Routine smear and wet mount examination * Fungus	24.00
11	Routine smear and special staining; <ul style="list-style-type: none"> • Acid fast • Modified Ziehl Neelson • Methylene blue • Wright's • McFadyean • Gram 	12.00 12.00 12.00 12.00 12.00 12.00
12	Special culture and identification-upon request (eg. <i>Mycoplasma</i> , <i>Mycobacterium</i> , <i>Campylobacter</i> , <i>Listeria</i>)	70.00
13	Bacterial counts in meat, milk, egg, water and feed; <ul style="list-style-type: none"> • Standard plate count (SPC) • Coliform plate count (CFC) 	24.00 30.00
14	Rose Bengal Plate Test (RBPT)	7.00
15	Freeze Drying	250.00

HISTOPATHOLOGY

NO.	EXAMINATION/TEST	FEE (RM)
1	Biopsy (Process, and H&E Staining)	30.00/slide
3	Special Staining	40.00/slide
4	Immunohistochemistry	47.60
5	Consultation (Microscopic Examination)	70.00/slide (max 3 samples in 1 slide)
6	Picture (Upon request only for current cases) Max 2 picture per page	10.00 FOC for DVM student teaching

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PARASITOLOGY

NO.	EXAMINATION/TEST	FEE (RM)
1	Blood Examination <ul style="list-style-type: none"> • Direct wet mount • Thin blood film • Thick blood smear • Knott's Concentration Technique (KCT) • Haematocrit Centrifuge Technique (HCT) 	 10.00 26.00 26.00 31.00 31.00
2	Faecal Examination <ul style="list-style-type: none"> • Direct wet mount • Simple floatation • Faecal smear & staining • Modified McMaster • Formal – ether sedimentation • Sedimentation • Faecal culture 	 10.00 26.00 31.00 26.00 26.00 26.00 41.00
3	Intestine/Organ: <ul style="list-style-type: none"> • Direct wet mount • Direct examination • Squash smear • Impression smear & staining • Scraping + simple floatation • Scraping + staining 	 10.00 31.00 31.00 31.00 31.00 31.00
4	Small ruminant (Total Worm Count)	41.00
5	Large ruminant (Total Worm Count)	52.00
6	Identification: Domestic animals <ul style="list-style-type: none"> • Arthropods • Helminths 	 52.00 52.00
7	Identification: Wildlife <ul style="list-style-type: none"> • Arthropods • Helminths 	 258.00 258.00
8	PCR Diagnostic	120.00

POST MORTEM

NO.	EXAMINATION/TEST	FEE (RM)
1	Cat, Dog, Sheep, Goat, Pigs, Rabbits, Poultry and other small sized animals (Post Mortem only)	55.20
2	Horses, Cattle, Buffaloes and other large sized animals (Post Mortem only)	237.80
3	Consultation	60.00



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VLSU FEE SCHEDULE

AKUATIK

NO.	EXAMINATION/TEST	FEE
1	Post mortem	11.80
2	Parasitology (endo & ecto parasite)	17.20
3	Bacteriology	
	(a) API 20E System	95.90
	(b) BBL Crystal	95.90
	(c) Gram staining	13.00
4	Antibiotic Sensitivity Test	27.00
5	Media Bacteria (TSA,NA)	11.80
6	Virology test (PCR)	
	(a) KHV (Conventional)	110.00
	(b) KHV (Portable realtime PCR)	110.00
	(c) Iridovirus (Conventional)	110.00
	(d) Iridovirus (Portable realtime PCR)	110.00
	(e) SVC,VNN (Conventional)	110.00
	(f) SVC,VNN (Portable realtime PCR)	110.00
7	Mycology	26.00
8	Histopathology:	
	(a) Slide preparation (less than 3 specimens)	23.80
	(b) Slide Reading	23.80
	(c) May-Grunwald + Giemsa staining	11.80
9	Water quality:	
	(a) Ammonia	11.80
	(b) Nitrite/nitrate	11.80
	(c) Chlorine	11.80
	(d) Water hardness	11.80
	(e) Alkalinity	11.80
	(f) Salinity	5.40
	(g) Temperature	5.40
	(h) pH	5.40
	(i) Oxygen	5.40
	(j) Formalin	50.00




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VLSU FEE SCHEDULE


CLINICAL PATHOLOGY

NO.	EXAMINATION/TEST	FEE (RM)
Biochemistry:		
1	Amylase (AMY)	10.20
	Albumin (ALB)	10.20
	Alkaline Phosphatase (ALP)	10.20
	Total Bilirubin (TBIL)	10.20
	Direct (Conjugated) Bilirubin (DBIL)	10.20
	Calcium (CA)	10.20
	Cholesterol (Chol)	10.20
	Creatinine (Crea)	10.20
	Gamma-Glutamyl transferase (GGT)	10.20
	Glucose (GLU)	10.20
	Aspartate Aminotransferase (AST)	10.20
	Alanine Aminotransferase (ALT)	10.20
	Phosphate (Phos)	10.20
	Triglycerides (TGL)	10.20
	Total Protein (TP)	10.20
	Urea	10.20
	Sodium (Na)	10.20
	Potassium (K)	10.20
	Chloride (Cl)	10.20
	High-Density Lipoprotein (HDL)	10.20
	Low-Density Lipoprotein (LDL)	10.20
	Indirect (Unconjugated) Bilirubin = TB - DBIL	FOC
	Globulin (G) = TP - ALB	FOC
	Creatine Kinase (CK)	12.80
	Lactate (LAC)	18.40
Lactate Dehydrogenase (LDH)	18.40	
Lipase (LIP)	18.40	
Uric Acid (UA)	18.40	

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VLSU FEE SCHEDULE

NO.	EXAMINATION/TEST	FEE (RM)
2	Large Animal Biochemistry Panel: Sodium (Na) Potassium (K) Chloride (Cl) Urea Creatinine (Crea) Calcium (Ca) Phosphate (Phos) Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB] Glucose (Glu) Aspartate Aminotransferase (AST) Gamma-Glutamyl transferase (GGT) Alkaline Phosphatase (ALP) Creatine Kinase (CK) Total Bilirubin (TB) Direct (Conjugated) Bilirubin (DBIL) [Indirect (Unconjugated) Bilirubin = TB - DBIL]	132.60
3	Large Animal Liver Panel: Gamma-Glutamyl transferase (GGT) Aspartate aminotransferase (AST) Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB] Total Bilirubin (TB) Direct (Conjugated) Bilirubin (DBIL) [Indirect (Unconjugated) Bilirubin = TB - DBIL].	49.00
4	Large Animal Renal Panel: Urea Creatinine (Crea) Sodium (Na) Potassium (K) Chloride (Cl) Phosphate (Phos) Total Protein (TP) Albumin (ALB), [Globulin (G) = TP - ALB]	65.30

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VLSU FEE SCHEDULE

NO.	EXAMINATION/TEST	FEE (RM)
5	Small Animal Biochemistry Panel: Sodium (Na) Potassium (K) Chloride (Cl) Calcium (Ca) Phosphate (Phos) Urea Creatinine (Crea) Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB] Glucose (Glu) Alanine amino transferase (ALT) Aspartate Aminotransferase (AST) Alkaline Phosphatase (AP) Gamma-Glutamyl transferase (GGT), Creatine Kinase (CK) Total Bilirubin (TB) Direct (Conjugated) Bilirubin (DBIL) [Indirect (Unconjugated) Bilirubin = TB - DBIL]	140.80
6	Small Animal Liver Panel: Alanine Aminotransferase (ALT) Aspartate Aminotransferase (AST) Alkaline Phosphatase (ALP) Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB] Total Bilirubin (TB) Direct (Conjugated) Bilirubin (DBIL) [Indirect (Unconjugated) Bilirubin = TB - DBIL]	57.10
7	Small Animal Renal Panel: Urea Creatinine (Crea) Phosphate (Phos) Sodium (Na) Potassium (K) Chloride (Cl) Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB]	65.30

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NO.	EXAMINATION/TEST	FEE (RM)
8	Total Protein Panel: Total Protein (TP) Albumin (ALB) [Globulin (G) = TP - ALB]	16.30
9	Lipid Profile: Cholesterol (Chol) Triglyceride (TGL) High-Density Lipoprotein (HDL) Low-Density Lipoprotein (LDL)	32.60
10	Coagulation <ul style="list-style-type: none"> • Prothrombin Time (PT) 18.40 • Activated Partial Thromboplastin Time (APTT) 18.40 • Fibrinogen 11.80 	
11	Cross Matching <ul style="list-style-type: none"> • 1 Recipient 1 Donor, 2 Donors 23.80 • 1 Recipient 3 Donors, 4 Donors 47.60 	
15	Haematology <ul style="list-style-type: none"> • Complete Haemogram 30.20 • Complete Haemogram(Avian/Reptile) 40.00 Individual Test: <ul style="list-style-type: none"> • Haematocrit (PCV) 11.80 • Plasma Protein 11.80 • Reticulocytes Count 9.80 	
16	Fecal Examination <ul style="list-style-type: none"> • General Examination 20.00 • Occult Blood 18.40 • Trypsin 18.40 	
17	Urinalysis <ul style="list-style-type: none"> • General Examination 16.00 • Bence Jones Protein 10.20 	
18	Cytology <ul style="list-style-type: none"> • Slide staining (for each specimen (eg. tissue/fluid): <ul style="list-style-type: none"> - 1 to 5 slides 10.00 - 6 to 10 slides 20.00 - Additional slides 2.00/slide • Fluid Dipstick Test (For each specimen) 10.00 • Microscopic Examination for each specimen (tissue/fluid) 35.00 *No limit of slides per specimen • Picture 8.00 For every 2-4 images FOC for DVM Student Teaching 	

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VIROLOGY

NO.	EXAMINATION/TEST	FEE (RM)
1	Tissue Culture Diagnosis	250.00
2	Egg Inoculation Diagnosis	99.00
3	HA & HI Test	6.00
4	ELISA	4.90-19.40
5	PCR	120.00
6	Reverse Transcriptase PCR (RT-PCR)	125.00
7	Nested PCR	195.00
8	Nested RT-PCR	200.00
9	Sequencing	90.00
10	Sequencing + Phylogenetic	105.00