



**FACULTY OF VETERINARY MEDICINE  
VETERINARY LABORATORY SERVICES UNIT**

**DOCUMENT CODE: UPM/FPV/VLSU/G002**

**GUIDELINE FOR SPECIMEN STORAGE BEFORE AND AFTER  
TESTING WORK**

LABORATORY	SPECIMEN TYPE	TEST	STORAGE DURATION & TEMPERATURE	
			BEFORE TESTING	AFTER TESTING
<b>Bacteriology &amp; Public Health</b>	Organ, Urine, Swab, Skin scraping, hair pluck, Faeces, Intestinal content, Exudates, Fluid, others.	Isolation and identification of bacteria and fungi	24 hours 2°C - 8°C	14 days Frozen
<b>Clinical Pathology</b>	Serum	Biochemistry	7 days Frozen	7 days Frozen
	Blood	Haematology	2 days 2°C - 8°C	2 days 2°C - 8°C
	Urine	Urinalysis		No unused specimen
	CSF, aspirated fluid, smear	Cytology		
	Faeces	Faeces examination	1 day 2°C - 8°C	
<b>Parasitology</b>	Blood, smear	Blood examination	18 hours 4°C - 8°C	Disposal of specimens is done once a week 4°C - 8°C
	Faeces	Faecal examination		
	Organ, Intestinal content, GIT	Direct smear		
	Intestine (small/large)	TWC		
	Hair, Skin scraping	Direct examination		
	Soil	Simple floatation		
	Blood (EDTA), Organ, Tissue, Faeces, GIT, Skin scraping, Hair, Endoparasites, Ectoparasites.	PCR Test		
<b>Histopathology</b>	Tissue in fixatives	Tissue processing	Room temperature 7 days	Room temperature 5 years
	Paraffin block	Tissue processing		



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			BEFORE TESTING	AFTER TESTING
<b>Post Mortem</b>	Carcass received during working hours	Post Mortem conducted immediately	0-2 hours	Disposal of carcass is done once a week  4°C
	Carcass received in the evening (after 4.00 pm)	Post Mortem conducted the next morning	18 hours 4°C	
	Carcass received on Fridays and public holidays (Saturday and Sunday)	Post Mortem conducted the next working day	72 hours 4°C	
<b>Virology</b>	Serum	HI Test	7 days -30°C	21 days -30°C
		ELISA Test		
		PCR Test		
	Organ, Tissue, Biopsy, Body fluid, Faeces, Urine, Swab	Egg inoculation		28 days -30°C
		Cell Culture		
		PCR Test		
Blood	PCR Test	2 days 4°C	2 days 4°C	

**Note:** Test will be conducted on the next working day if the specimens are received after 4.30 pm.