

**VETERINARY LABORATORY SERVICES UNIT  
DEPARTMENT OF VETERINARY LABORATORY DIAGNOSTICS  
FACULTY OF VETERINARY MEDICINE, UPM**

<b>SPECIMENS SUBMISSION FOR PARASITOLOGY LABORATORY</b>				
<b>Type of Specimen</b>	<b>Tests</b>	<b>Specimen Collection</b>	<b>Storage and Transportation</b>	<b>Fee Charges (RM)</b>
Blood, Smear	<b>Blood examination :</b> <ul style="list-style-type: none"> <li>• Direct wet mount</li> <li>• Thin blood film</li> <li>• Thick blood smear</li> <li>• Knott's Concentration Technique (KCT)</li> <li>• Haematocrit Centrifuge Technique (HCT)</li> </ul>	<ul style="list-style-type: none"> <li>• Collect 1 - 3 ml blood in EDTA or heparin tubes. (Priority by EDTA tube).</li> <li>• Mix properly to avoid clotting.</li> <li>• Send thin smears on clean glass slide.</li> </ul>	<ul style="list-style-type: none"> <li>• For delayed submission (not more than 24 hours), keep chill (4°C – 8°C). <b>DO NOT FREEZE.</b></li> <li>• Samples sent for Trypanosome identification should be fresh (less than 24hours).</li> </ul>	10.00 26.00 26.00 31.00  31.00
	<ul style="list-style-type: none"> <li>• PCR detection</li> </ul>	<ul style="list-style-type: none"> <li>• Blood collection in EDTA tube only.</li> </ul>	<ul style="list-style-type: none"> <li>• keep frozen at -20°C.</li> </ul>	120.00
Faeces	<b>Faecal Examination:</b> <ul style="list-style-type: none"> <li>• Direct wet mount</li> <li>• Simple floatation</li> <li>• Faecal smear &amp; staining</li> <li>• Modified McMaster</li> <li>• Formal-ether sedimentation</li> <li>• Sedimentation</li> <li>• Faecal culture</li> <li>• Baermen</li> </ul>	<ul style="list-style-type: none"> <li>• Collect approximately 10g of fresh faeces in suitable clean containers.</li> </ul>	<ul style="list-style-type: none"> <li>• For delayed submission (not more than 24 hours), keep chill (4°C – 8°C). <b>DO NOT FREEZE.</b></li> </ul>	10.00 26.00 31.00 26.00 26.00 26.00 41.00 41.00
	<ul style="list-style-type: none"> <li>• PCR detection</li> </ul>	<ul style="list-style-type: none"> <li>• Collect fresh sample in suitable clean containers.</li> </ul>	<ul style="list-style-type: none"> <li>• keep frozen at -20°C.</li> </ul>	120.00

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<b>SPECIMENS SUBMISSION FOR PARASITOLOGY LABORATORY</b>				
<b>Type of Specimen</b>	<b>Tests</b>	<b>Specimen Collection</b>	<b>Storage and Transportation</b>	<b>Fee Charges (RM)</b>
GIT, Intestine, Organ	<b>Examination:</b> <ul style="list-style-type: none"> <li>• Direct wet mount</li> <li>• Direct examination</li> <li>• Squash smear</li> <li>• Impression smears &amp; staining</li> <li>• Scraping + simple floatation</li> <li>• Scraping + staining</li> </ul>	<ul style="list-style-type: none"> <li>• Collect the entire GIT depending on species in appropriate container.</li> <li>• Collect other organ samples in clean, sealed plastic bags.</li> <li>• For organ scraping, send on clean glass slide and cover using cover slip.</li> </ul>	<ul style="list-style-type: none"> <li>• For delayed submission (not more than 24 hours), keep chilled (4°C – 8°C). <b>DO NOT FREEZE</b> and send to the laboratory immediately.</li> </ul>	10.00
	<b>Total Worm Count :</b> <ul style="list-style-type: none"> <li>• Small</li> <li>• Large</li> </ul>	<ul style="list-style-type: none"> <li>• Collect fresh sample in suitable clean containers.</li> </ul>		31.00
Endoparasites, Ectoparasites	<b>Identification :</b> <ul style="list-style-type: none"> <li>• Domestic animals</li> <li>• Wildlife</li> </ul>	<ul style="list-style-type: none"> <li>• Collect fresh parasites in suitable clean containers <b>or</b> collect parasites in 70%-75% alcohol in capped bottles.</li> <li>• Live parasites are acceptable.</li> </ul>		31.00
Hair, Skin scrapping	<b>Examination:</b> <ul style="list-style-type: none"> <li>• Direct examination</li> </ul>	<ul style="list-style-type: none"> <li>• Collect feather and hair in suitable clean containers.</li> <li>• Collect skin scrapping on clean glass slide with glycerol and cover using cover slip.</li> </ul>	<ul style="list-style-type: none"> <li>• Store at room temperature.</li> </ul>	31.00
Soil	<b>Examination:</b> <ul style="list-style-type: none"> <li>• Simple floatation</li> </ul>	<ul style="list-style-type: none"> <li>• Collect a minimum 100 g of soil sample or 100 ml of water sample.</li> </ul>	<ul style="list-style-type: none"> <li>• Store representative samples in clean container and keep chill (4°C – 8°C).</li> </ul>	26.00
Tissue	<ul style="list-style-type: none"> <li>• PCR detection</li> </ul>	<ul style="list-style-type: none"> <li>• Tissue in 70%-75% alcohol in capped bottles <b>or</b> fresh sample in suitable container.</li> </ul>	<ul style="list-style-type: none"> <li>• keep frozen at -20°C.</li> </ul>	120.00