

## General Parasitology Tests

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Fecal Flotation			
<b>Age of sample:</b> < 2 days	<b>Specimen:</b>  > 5 g of fresh feces	<b>Shipping Container:</b>  Leak proof container labelled with the date of collection, host, owner's name and clinic	<b>Preservation</b>  Refrigeration @ 4°C
<b>Days Tested:</b> M-F			
<b>Turnaround Time:</b>  1 day			
<b>Comments:</b> If the sample cannot be submitted before 2-3 days after collection or cannot be refrigerated, please preserve in equal parts 5% formalin to feces.			

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Direct Smear			
<b>Age of sample:</b> < 2 hours	<b>Specimen:</b>  2-5 g of fresh feces	<b>Shipping Container:</b>  Leak proof container labelled with the date of collection, host, owner's name and clinic	<b>Preservation</b>  Refrigeration @ 4°C
<b>Days Tested:</b> M-F			
<b>Turnaround Time:</b>  1 day			
<b>Comments:</b> If the sample cannot be submitted before 2 hours after collection or cannot be refrigerated, please preserve in equal parts 5% formalin to feces.			

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<b>Baermann Technique</b>			
<b>Age of sample:</b> < 2 days	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
<b>Days Tested:</b> M-F	> 15 g of fresh feces	Leak proof container labelled with the date of collection, host, owner's name and clinic	Refrigeration @ 4°C
<b>Turnaround Time:</b> 2-3 days			
<b>Comments:</b> Do not freeze or preserve.			

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<b>Sedimentation</b>			
<b>Age of sample:</b> < 2 days	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
<b>Days Tested:</b> M-F	3-5 g fresh feces	Leak proof container labelled with the date of collection, host, owner's name and clinic	Refrigeration @ 4°C
<b>Turnaround Time:</b> 1-2 days 1-2 days			
<b>Comments:</b> If the sample cannot be submitted before 2 days after collection or cannot be refrigerated, please preserve in equal parts 5% formalin to feces.			

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<b>Fecal Egg Count- McMaster Technique</b>			
<b>Age of sample:</b> < 2 days	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
<b>Days Tested:</b> M-F	> 15 g fresh feces	Leak proof container labelled with the date of collection, host, owner's name and clinic.	Refrigeration @ 4°C
<b>Turnaround Time:</b> 1-2 day			
<b>Comments:</b> If the sample cannot be submitted before 2-3 days after collection or cannot be refrigerated, please preserve in equal parts 5% formalin to feces.			

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<b>Cryptosporidium - Crypto (Acid-fast stain)</b>			
<b>Age of sample:</b> < 2 days	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
<b>Days Tested:</b> M-F	3-5 g fresh feces	Leak proof container labelled with the date of collection, host, owner's name and clinic	Refrigeration @ 4°C
<b>Turnaround Time:</b> 1-2 day			
<b>Comments:</b> If the sample cannot be submitted before 2 days after collection or cannot be refrigerated, please preserve in equal parts 5% formalin to feces.			

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<b>Heartworm, Canine/Feline- <i>Dirofilaria immitis</i></b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
W	0.5 ml serum or plasma	Plastic or glass tube	Refrigeration @ 4°C
<b>Turnaround Time:</b>			
1 day			
<b>Comments:</b>			

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<b>Knott's Test (<i>Dirofilaria</i>)</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	1 ml whole blood	Purple top tube (EDTA)	Refrigeration @ 4°C
<b>Turnaround Time:</b>			
1-3 days			
<b>Comments:</b> Do not freeze.			

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<b>Toxoplasma Agglutination (IgG)</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	0.5 ml serum, plasma or anti-coagulated whole blood	Plastic or glass tube	Refrigeration @ 4°C
<b>Turnaround Time:</b>			
2-7 days			
<b>Comments:</b>			

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<b>Neospora Antibody</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
Th	0.5 ml serum, plasma or anti-coagulated whole blood	Plastic or glass tube	Refrigeration @ 4°C
<b>Turnaround Time:</b>			
1-7 days			
<b>Comments:</b>			

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<b>SNAP 4DX (<i>Dirofilaria immitis</i> Ag, <i>Anaplasma phagocytophilum</i> Ab, Lyme Ab, <i>Ehrlichia canis</i> Ab)</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	0.5 ml serum, plasma or anti-coagulated whole blood	Plastic or glass tube	Refrigeration @ 4°C or frozen
<b>Turnaround Time:</b> next day			
<b>Comments:</b>			

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<b>Parasite Identification of Endoparasites: Nematode, Trematode, Cestode</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	Endoparasite	Leak proof container labelled with the date of collection, host, owner's name and clinic	70% alcohol or 5% formalin
<b>Turnaround Time:</b> 2 weeks			
<b>Comments:</b> Preserve in equal part 5% formalin to parasite or 70% alcohol. Allow parasite an hour or more on the bench in saline to relax before adding preservative.			

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<b>Parasite Identification of Ectoparasites: Ticks, Lice, Mites</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	Intact ectoparasite	Leak proof container labelled with the date of collection, host, owner's name and clinic	70% ethanol or isopropyl alcohol for long term preservation  Damp paper towel in container if able to send within 7-10 days
<b>Turnaround Time:</b> 1-7 days			
<b>Comments:</b> Lice should be preserved in 70% isopropyl alcohol instead of ethanol.			

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<b>Total Worm Count</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	Abomasal or stomach contents	Leak proof container labelled with the date of collection, host, owner's name and clinic	70% alcohol or 5% formalin
<b>Turnaround Time:</b> 1-7 days			
<b>Comments:</b>			

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<b><i>Myxobolus cerebralis</i> (Pepsin-Trypsin Digest)</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	1) Gill arches 2) Fish heads	Leak proof container labelled with the date of collection, host, owner's name and clinic	Frozen
<b>Turnaround Time:</b> 7-30 days			
<b>Comments:</b>			

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<b>Fecal Occult Blood</b>			
<b>Days Tested:</b>	<b>Specimen:</b>	<b>Shipping Container:</b>	<b>Preservation</b>
M-F	5 g of fresh feces	Leak proof container labelled with the date of collection, host, owner's name and clinic	Refrigeration @ 4°C
<b>Turnaround Time:</b> 1 day			
<b>Comments:</b>			

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