

The American Heartworm Society recommends year-round administration of medications approved by the US Food and Drug Administration (FDA) to prevent heartworm infection. Currently available preventives are listed below; as new products become available, updates will be posted at heartwormsociety.org. Please consult the appropriate manufacturer for full label indications and safety information.

Scroll down for feline and ferret preventives.

PREVENTIVES FOR DOGS		Dirofilaria immitis		Other Parasites Treated in Addition to Heartworm										
Drug	Trade Name(s)	Tissue Stages (Larvae)	Circulating Microfilariae	Fleas	Ticks	Hookworms	Roundworms	Whipworms	Tapeworms	Ear Mites	Mange Mites	Minimum Age/Weight	Safe to Use During Breeding/Lactation	Food Allergen Considerations
Oral Administration (monthly tablets and chews)														
Ivermectin + pyrantel pamoate	HEARTGARD® Plus (Boehringer Ingelheim)	X				X ^a	X ^b					6 weeks/ no minimum weight	Yes	Beef
	Tri-Heart® Plus (Merck)													
	Iverhart Plus® (Virbac)	X				X ^a	X ^b							Pork liver
Ivermectin + pyrantel pamoate + praziquantel	Iverhart Max® (Virbac) IMECTRO® (Ceva)	X				X ^a	X ^b		X ^h			8 weeks/ 6 lbs	Not evaluated	Pork liver Artificial beef
Milbemycin oxime	Interceptor® (Elanco), MilbeGuard® (Ceva)	X				X ^c	X ^b	X ^d				4 weeks/ 2 lbs	Yes	Beef
Milbemycin oxime + praziquantel	Interceptor® Plus (Elanco)	X				X ^c	X ^b	X ^d	X ^f			6 weeks/ 2 lbs	Not evaluated	Chicken
Milbemycin oxime + lufenuron	Sentinel® Flavor Tabs (Merck)	X		X ⁱ		X ^c	X ^b	X ^d				6 weeks/ 2 lbs	Yes	Artificial beef Pork/soy
Milbemycin oxime + lufenuron + praziquantel	Sentinel® Spectrum® (Merck)	X		X ⁱ		X ^c	X ^b	X ^d	X ^f			6 weeks/ 2 lbs	Not evaluated	Beef
Milbemycin oxime + spinosad	Trifexis® (Elanco)	X		X ⁿ		X ^c	X ^b	X ^d				8 weeks/ 5 lbs	Use with caution	Artificial beef Pork liver/ hydrolyzed soy
Moxidectin + afoxolaner + pyrantel	NEXGARD® PLUS (Boehringer Ingelheim)	X		X ⁿ	X ¹²	X ^a	X ^b					8 weeks/ 4 lbs	Not evaluated	None
Moxidectin + sarolaner + pyrantel pamoate	Simparica® Trio (Zoetis)	X		X ^k	X ⁷	X ^m	X ^b					8 weeks/ 2.8 lbs	Not evaluated	Pork
Moxidectin + lotilaner + praziquantel + pyrantel	Credelio Quattro™ (Elanco)	X		X ⁿ	X ⁴	X ¹⁰	X ^b		X ¹¹			8 weeks/ 3.3 lbs	Not evaluated	Meat allergen free
Injectable Administration (every 6 or 12 months)														
Moxidectin	ProHeart® 6 (Zoetis)	X				X ^o						6 months/ 5 lbs	Yes	
	ProHeart® 12 (Zoetis)	X				X ^o						12 months/ 5 lbs	Yes	
Topical Administration (monthly spot-on)														
Moxidectin + imidacloprid	Advantage Multi® (Elanco), Barrier® (Aurora), IMOXI™ (Vetoquinol USA), Midamox® (Norbrook), PARASEDGE™ Multi (Virbac)	X	X	X ⁿ		X ^p	X ^q	X ^d		X ^u	X ^r	7 weeks/ 3 lbs	Not evaluated	
Selamectin	Revolution® (Zoetis), Paradyne® (Vethical), Senergy™ (Virbac), Selarid™ (Norbrook), Revolt™ (Aurora)	X		X ^z	X ¹					X ^u	X ^r	6 weeks/ no minimum weight	Yes	

PREVENTIVES FOR CATS		Dirofilaria immitis		Other Parasites Treated in Addition to Heartworm								
Drug	Trade Name(s)	Tissue Stages (Larvae)	Circulating Microfilariae	Fleas	Ticks	Hookworms	Roundworms	Tapeworms	Ear Mites	Minimum Age/Weight	Safe to Use During Breeding/ Lactation	Food Allergen Considerations
Oral Administration (monthly tablets and chews)												
Milbemycin oxime	Interceptor® (Elanco), MilbeGuard® (Ceva)	X				X ^c	X ^e			6 weeks/ 1.5 lbs	Not evaluated	Beef
Topical Administration (monthly spot-on; Bravecto PLUS is every 2 months)												
Moxidectin + imidacloprid	Advantage Multi® (Elanco), Barrier® (Aurora), IMOXI™ (Vetoquinol USA), PARASEDGE™ Multi (Virbac), Midamox™ for Cats (Norbrook)	X		X ⁿ		X ^s	X ^t		X ^u	9 weeks/ 1.5 lbs	Not evaluated	
Moxidectin + fluralaner	Bravecto® PLUS (Merck)	X		X ⁿ	X ^v	X ^s	X ^t			6 months/ 2.6 lbs	Not evaluated	
Esafoxolaner + eprinomectin + praziquantel	NEXGARD® COMBO (Boehringer Ingelheim)	X		X ⁿ	X ⁴	X ^g	X ^e	X ⁵		8 weeks/ 1.8 lbs	Not evaluated	
Selamectin	Revolution® (Zoetis), Paradyne® (Vethical), Revolt™ (Aurora) Senergy™ (Virbac), Selarid® (Norbrook),	X		X ^k		X ^m	X ^o		X ^u	8 weeks/ no minimum weight	Yes	
Selamectin + sarolaner	Revolution® PLUS (Zoetis)	X		X ^k	X ²	X ^m	X ^e	X ⁸	X ^u	8 weeks/ 2.8 lbs	Not evaluated	

PREVENTIVES FOR FERRETS		Dirofilaria immitis		Other Parasites Treated in Addition to Heartworm							
Drug	Trade Name(s)	Tissue Stages (Larvae)	Circulating Microfilariae	Fleas	Ticks	Hookworms	Roundworms	Tapeworms	Ear Mites	Minimum Age/Weight	Safe to Use During Breeding/Lactation
Topical Administration (monthly spot-on)											
Moxidectin + imidacloprid	Advantage Multi® (Elanco) Midamox™ for Cats (Norbrook)	X		X ⁿ						2 lbs	Not evaluated

a - *Ancylostoma caninum*, *Uncinaria stenocephala*, *A. braziliense*; **b** - Ascarids (*Toxocara canis*, *Toxascaris leonina*); **c** - Adult *Ancylostoma caninum*; **d** - *Trichuris vulpis*; **e** - *Toxocara cati*; **f** - *Taenia pisiformis*, *Echinococcus multilocularis*, *E. granulosus*, *Dipylidium caninum*; **g** - Adult & immature hookworms (*Ancylostoma tubaeforme*, *A. braziliense*); **h** - *D. caninum*, *T. pisiformis*; **i** - Adult *Ancylostoma tubaeforme*; **j** - Prevention and control of flea populations (*Ctenocephalides felis*); **k** - Treatment of flea infestations (*C. felis* and *C. canis*); **l** - Treatment of tick infestations, with immediate & persistent tick killing activity for 5 weeks against *Ixodes hexagonus*, *I. ricinus*, *Rhipicephalus sanguineus* & for 4 weeks against *Dermacentor reticulatus*; **m** - *A. caninum* L4 larvae, immature adults (L5) and adults; **n** - Kills adult fleas; treats flea infestations (*C. felis*); **o** - Larval and adult *A. caninum* & *U. stenocephala*; **p** - Adult, immature adult, & fourth-stage larvae (L4) of *A. caninum* and *U. stenocephala*; **q** - Adult *T. leonina* & adult & L4 of *T. canis*; **r** - *Sarcoptes scabiei* var. *canis*; **s** - Adult, immature adult, & L4 of *A. tubaeforme*; **t** - Adult & L4 of *T. cati*; **u** - *Otodectes cynotis*; **v** - Control of tick infestations due to *I. scapularis*, *D. variabilis*; **w** - Adult and L4 *A. tubaeforme*, adult *A. braziliense*; **x** - Adult and L4 *T. cati*; **y** - Adult *D. caninum*, *E. multilocularis*; **z** - Kills adult fleas & prevents flea eggs from hatching for 1 month; prevention & control of *C. felis* infestation; **1** - Control of tick infestations due to *D. variabilis*; **2** - Control of tick infestations due to *A. americanum*, *A. maculatum*, *D. variabilis*, *I. scapularis*; **3** - Adult *D. caninum* and *E. multilocularis*; **4** - Treatment and control of *I. scapularis*, *R. sanguineus*, *D. variabilis*, and *A. americanum* infestations for one month in dogs and puppies 8 weeks of age and older, weighing >4 pounds; **5** - *D. caninum*; **6** - Treatment and control of *I. scapularis*, *R. sanguineus*, *D. variabilis*, and *A. americanum* infestations for one month; **7** - *A. americanum*, *A. maculatum*, *D. variabilis*, *I. Scapularis*, *R. sanguineus*, *Haemaphysalis longicornis*; **8** - Prevention of *Dipylidium caninum* (tapeworm) infections as a direct result of killing *Ctenocephalides felis* vector fleas on the treated cat; **9** - Prevention of angiostrongylosis by reduction of the level of infection with immature adult (L5) and adult stages of *Angiostrongylus vasorum* (lungworm) with monthly administration; **10** - adult *U. stenocephala*; **11** - *D. caninum*, *T. pisiformis*, and *E. granulosus*; **12** - *I. scapularis*, *R. sanguineus*, *D. variabilis*, *A. americanum*, and *H. longicornis*.