



## The SmartPak™ Pharmacy Dog & Cat Product Information Sheet

### HeartGard® Plus Chewables for Dogs

**Common Drug Name** – Ivermectin and Pyrantel

**How Supplied by SmartPak** – HeartGard Plus Chewables for Dogs is available in three dosage strengths:

0 – 25lbs (blue)

26 – 50lbs (green)

51 – 100lbs (brown)

Each strength comes in a carton of 6 or 12 tablets or can be shipped monthly.

**Category** –

**Caution** - Federal law restricts this drug to use by or on the order of a licensed veterinarian.

**Indications (Uses)** – For use in dogs to prevent canine heartworm disease by eliminating the tissue stage of heartworm larvae (*Dirofilaria immitis*) for a month (30 days) after infection, and for the removal and control of ascarids (*Toxocara canis* and *Toxascaris leonina*) and hookworms (*Ancylostoma caninum*, *A. braziliense* and *Uncinaria stenocephala*).

**Dosage and Administration** – HeartGard Plus should be administered orally at monthly intervals at the recommended minimum dose level of 6 mcg of Ivermectin per kg (2.72mcg/lb) and 5mg of Pyrantel (as pamoate salt) per kg (2.27mg/lb) of body weight. The recommended dosage schedule for prevention of canine heartworm disease and for the treatment and control of ascarids and hookworms is as follows:

Up to 25lb: 1-68mcg Ivermectin, 57mg Pyrantel per month (blue)

26 - 50lb: 1-136mcg Ivermectin, 114mg Pyrantel per month (Green)

51 – 100lb: 1-272mcg Ivermectin, 227mg Pyrantel per month (brown)

For dogs over 100lb, use the appropriate combination of chewables. HeartGard Plus is recommended for dogs 6 weeks of age and older.

Remove only one chewable at a time from the foil-backed blister card. Return the card with the remaining chewables to its box to protect the product from light. Because most dogs find HeartGard Plus palatable, the product can be offered to the dog by hand. Alternatively, it may be added intact to a small amount of food. The chewable should be administered in a manner that encourages the dog to chew, rather than to swallow without chewing. Chewables may be broken into pieces and fed to dogs that normally swallow treats whole. Care should be taken to see that the dog consumes the complete dose, and treated animals should be observed for a few minutes after administration to ensure that part of the dose is not lost or rejected. If it is suspected that any of the dose has been lost, redosing is recommended. HeartGard Plus should be given at monthly intervals when mosquitoes (vectors) potentially carrying infective heartworm larvae are active. The initial dose must be given within a month (30 days) after the dog's first exposure to mosquitoes. The final dose must be given within a month (30 days) after the dog's last exposure to mosquitoes. When replacing another heartworm preventive product in a heartworm disease preventive program, the first dose of HeartGard Plus must be given within a month (30 days) of the last dose of the former medication. If the interval between doses exceeds a month (30 days) the efficacy of ivermectin can be reduced. Therefore, for optimal performance, HeartGard Plus must be given once a month on or about the same day of the month. If treatment is delayed, whether by a few days or many, immediate treatment with

HeartGard Plus and resumption of the recommended dosing regimen will minimize the opportunity for development of adult heartworms. Owners should take measures to prevent reinfection with intestinal parasites.

**Human Warnings** – Not for human use. Keep out of reach of children. In case of ingestion by humans, owners should be advised to contact a physician immediately.

**Precautions** – All dogs should be tested for existing heartworm infection before starting treatment with HeartGard Plus which is not effective against adult *D. immitis*. Infected dogs must be treated to remove adult heartworms and microfilariae before initiating a program with HeartGard Plus. While some microfilariae may be killed by the Ivermectin in HeartGard Plus at the recommended dose level, HeartGard Plus is not effective for microfilariae clearance. A mild hypersensitivity-type reaction, presumably due to dead or dying microfilariae and particularly involving a transient diarrhea, has been observed in clinical trials with Ivermectin alone after treatment of some dogs that have circulating microfilariae.

**Adverse Reactions (Side Effects)** – In clinical trials with HeartGard Plus, vomiting or diarrhea within 24 hours of dosing was rarely observed.

**Storage Conditions:** Store between 68 – 77F. Excursions between 59 – 86F are permitted. Protect product from light.

**Marketed by:**  
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