

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

Ivermectin Veterinary Oral Paste BP

KOmec™ Oral Paste

COMPOSITION:

Each gram contains:
Ivermectin BP (Vet) 18.7 mg
Excipients q.s.

CATEGORY: Anthelmintics

INDICATIONS:

Indicated for the treatment of parasitic infestations in horses and donkeys due to:

Large strongyles: *Strongylus vulgaris* (adults and arterial larval stages); *S. edentatus* (adults & tissue larval stages); *S. equinus* (adults); *Triodontophorus spp.* (adults); *Triodontophorus brevicauda* *Triodontophorus serratus*; *Craterostomum acuticaudatum* (adults)

Small Strongyles: Adult and immature (fourth stage larvae) small strongyles or cyathostomes, including benzimidazole-resistant strains:

Coronocyclus spp.; *Cyathostomum spp.*; *Cylicocyclus spp.*; *Cylicostephanus spp.*; *Cylicodontophorus spp.*; *Parapoteriostomum spp.*; *Petrovinema spp.*; *Poteriostomum spp.*

Lungworms (adult and immatures): *Dictyocaulus arnfieldi*

Pinworms (adult and immatures): *Oxyuris equi*

Ascarids (adults and third & fourth stage larvae): *Parascaris equorum*

Hairworms (adults): *Trichostrongylus axei*

Large-mouth stomach worms (adults): *Habronema muscae*

Neck threadworms (microfilariae): *Onchocerca spp.*

Intestinal threadworms (adults): *Strongyloides westeri*

Stomach bots: Oral and gastric stages of *Gastrophilus spp.*

DOSAGE AND ADMINISTRATION:

The recommended dose is 0.2 mg of Ivermectin / Kg of body weight.

TARGET SPECIES:

Horses & Donkeys.

DIRECTIONS FOR USE:

- It is intended for use only with the dispensing syringe designed for this product.
- Determine the weight of the horse/donkey.
- Remove syringe tip.
- Depress plunger to advance paste to tip.
- Horse's Mouth must be free of food.
- Insert nozzle of syringe through the interdental space and deposit the paste on back of the tongue by depressing the plunger.

PHARMACOLOGICAL PROPERTIES:

Ivermectin is a member of the macrocyclic lactone class of endectocides which have a unique mode of action. Compounds of the class bind selectively and with high affinity to glutamate-gated chloride ion channels which occur in invertebrate nerve and muscle

cells. This leads to an increase in the permeability of the cell membrane to chloride ions with hyperpolarization of the nerve or muscle cell, resulting in paralysis and death of the parasite.

ATC Vet Code: QP54AA01

PHARMACODYNAMIC PROPERTIES :

Maximum plasma concentration

In the horse the maximum plasma concentration (average of 32 ng/ml) is reached 6 hours after administration of a dose rate of 0.3 mg ivermectin per kg bodyweight. This peak falls off gradually to an average level of 2 ng/ml at 10 days.

Excretion: length of time and route

Ivermectin residues (expressed as dihydro B1a) in the liver, muscle, kidney, fat and blood were determined with a liquid chromatographic method with fluorescence detection. No residue (except one 28 day fat sample) reached the limit of detection of > 2 ppb 21, 28 and 42 days post dose.

WARNING & PRECAUTIONS :

- Wear gloves during application.
- Wash the hands thoroughly after use.
- Assess bodyweight as accurately as possible before calculating the dosage.
- Intensive use or misuse of anthelmintics can give rise to resistance. Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.
- Do not use in horses intended for human consumption.

CONTRAINDICATIONS:

Do not administer to animals other than those for which it is indicated. Hypersensitivity to any of the Ingredients.

WITHDRAWAL PERIOD:

Horse's Meat: 21 days after the latest treatment.

Donkey's Meat: 21 days after the latest treatment.

STORAGE:

Store in a cool and dry place. Protect from light.

PRESENTATION:

6.08 gm syringe packed in a Primary Carton along with the Pack Insert.

**VETERINARY.
FOR TREATMENT OF ANIMALS ONLY.
NOT FOR HUMAN USE.**

KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.

Carefully read the accompanying instructions before use.

Veko
A Healthy Mouth. A Healthy Horse.

Manufactured & Marketed by:
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