



# ANTECH

BETTER DIAGNOSTICS. BETTER MEDICINE.™

## KeyScreen® GI Parasite PCR

The new standard in  
parasite diagnostics

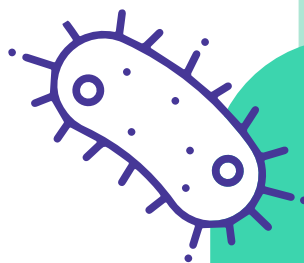
KeyScreen GI Parasite PCR brings the power of PCR to routine parasite screening. Use KeyScreen to find more GI parasites and treat them with greater precision, speed, and confidence — **all at an affordable price.**

- Screens for 20 intestinal parasites
- Detects benzimidazole treatment' resistance in hookworms
- Determines the zoonotic potential of *Giardia*

KeyScreen is changing GI  
parasite testing for dogs  
and cats — scan the code  
or follow the link below



[q-r.to/antech-keyscreen-0723](https://q-r.to/antech-keyscreen-0723)



Note: The Companion Animal Parasite Council recommends testing for GI parasites 4x in year 1 for puppies and kittens; 2x yearly for adult dogs and cats

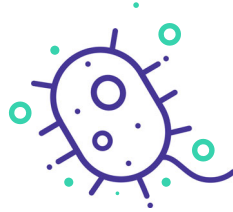
# KeyScreen GI Parasite PCR

Better pet health in one test



## Detects

benzimidazole-resistant canine  
hookworm infections<sup>1-5</sup>



KeyScreen GI Parasite  
PCR found parasites in

**1 in 4**

samples<sup>4</sup>

Reference lab O&P  
only found parasites in

**1 in 10**

samples<sup>7</sup>



**Giardia is NOT**  
typically zoonotic

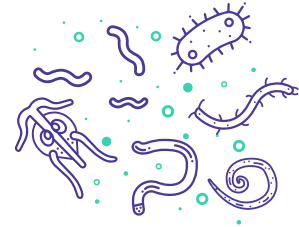
less than **4%** are<sup>4</sup>



## Treatment resistant

## Hookworms

found in more dog breeds and  
across the US and Canada<sup>1-5</sup>



**Parasites**  
are evolving  
so is KeyScreen GI Parasite PCR<sup>2, 3, 5, 6</sup>



1. Comparative Study of KeyScreen and traditional fecal flotation methods: <https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-023-05904-z>
2. Leutenegger CM, et al. Emergence of *Ancylostoma caninum* parasites with the benzimidazole resistance F167Y polymorphism in the US dog population. *Int. J. Parasitol. Drugs Drug Resist.* 2023;14:131-140. <https://www.sciencedirect.com/science/article/pii/S2211320723000015?via%3Dihub>
3. Evason, MD, et al. Emergence of canine hookworm treatment resistance: Novel detection of *Ancylostoma caninum* anthelmintic resistance markers by fecal PCR in 11 dogs from Canada, *Am J Vet Res.* 2023 July; <https://doi.org/10.2460/ajvr.23.05.0116>
4. Leutenegger CM, et al. Frequency of intestinal parasites in dogs and cats identified by molecular diagnostics. *ACVIM, Philadelphia, June 2023.*
5. Leutenegger CM, et al. Association of the novel benzimidazole resistance marker Q134H with F167Y in dogs with *Ancylostoma caninum*. *ACVIM, Philadelphia June 2023.*
6. Venkatesan A, et al. Molecular evidence of widespread benzimidazole drug resistance in *Ancylostoma caninum* from domestic dogs throughout the USA and discovery of a novel  $\beta$ -tubulin benzimidazole resistance mutation. *PLoS Pathog.* Mar 2023;19:e1011146. <https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1011146>
7. KeyScreen Whitepaper <https://www.antechdiagnostics.com/keyscreens/#keyscreens-whitepaper>

**A** Antech is committed to supporting veterinary care teams with a flexible, can-do spirit resulting in healthy pets, happy pet parents, and a high-performing practice.

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