

**TD.01432****Sterilizable Fenbendazole Diet  
(2018S, 150 ppm)**
**Description**

TD.01432, Teklad Global 18% Protein Sterilizable Rodent Diet (2018S) with 150 ppm fenbendazole, is designed for the treatment of pinworm infections commonly found in laboratory rodent species.

The diet is suitable for autoclaving and is also available irradiated (**TD.01432.I**).

**Use**

Fenbendazole is an effective treatment against pinworm infections in a variety of laboratory animal models including: rat *Syphacia muris*, mouse *S. obvelat* and *Apsicularis tetraptera*, Syrian hamster *S. mesocricetus* and the Mongolian gerbil *Dentostomella translucida*<sup>1-5</sup>.

Protocols for the eradication of pinworms without environmental decontamination typically include feeding of TD.01432 for 7 consecutive days followed by 7 days of non-medicated diet for a total of 3 cycles (minimum of 42 days)<sup>2,3</sup>. Autoclaved diet may not be suitable for rat models<sup>4</sup>. Consult your veterinarian when developing a treatment program.

**Research Considerations**

Caution is advised when interpreting data collected during pinworm infestation and fenbendazole treatment. Pinworm infestations may cause changes in behavior, growth rate, and intestinal and immune function introducing research variability<sup>2</sup>. Fenbendazole is considered relatively non-toxic, but may exert physiological effects that can influence experimental results<sup>6-10</sup>.

**Monitoring**

Several techniques are available for monitoring of pinworm infections including perianal tape test, anal swab, fecal flotation, and direct examination of the colon or cecum at necropsy<sup>2,11</sup>. Although the perianal tape test is cost effective and requires little training, sensitivity is lower than direct examination of the colon or cecum<sup>1,2</sup>.

Use of TD.01432 and pinworm monitoring practices should be done under the direction of a veterinarian.

**References**

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**Speak with a Nutritionist**

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Teklad Diets are designed & manufactured for research purposes only.

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**Key Features**

- + **Fenbendazole**
- + **Pinworms**
- + **Global 2018 Rodent Diet**

**Storage and Stability**

TD.01432 should be stored below 70°F and 50% relative humidity. Autoclaved diet has previously been fed to mice, but due to the reduction in fenbendazole, autoclaved TD.01432 may result in inadequate dosing of rats<sup>4</sup>.

*Use this diet as directed by a veterinarian*

**Typical Fenbendazole Levels**

	Fenbendazole ± SD, ppm	n
Irradiated	138 ± 7	7
Stored 6 months	140 ± 12	3
Autoclaved	86 ± 5	5

**Selected Nutrient information<sup>1</sup>**

	% by weight	% kcal from
<b>Protein</b>	<b>18.6</b>	<b>28</b>
<b>CHO</b>	<b>44.2</b>	<b>58</b>
<b>Fat</b>	<b>6.2</b>	<b>18</b>
<b>Kcal/g</b>	<b>3.1</b>	

<sup>1</sup> Values are calculated from ingredient analysis or manufacturer data

**Key Planning Information**

- + Use within 6 months
- + Lead time:
- + · Shipped within 2 weeks

**Product Specific Information**

- + Round Pellet
- + Nutritionally complete
- + Packaging Options
- + · Autoclavable: **TD.01432** (50 pound bag)
- + · Irradiated: **TD.01432.I** (25 pound bag)

**International Inquiry**

- Outside USA or Canada ·
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