

## Formula

g/Kg

Casein, "Vitamin-Free" Test	140.0
Sucrose	341.46
Maltodextrin	119.6156
Hydrogenated Vegetable Oil	190.0
Anhydrous Milkfat	60.0
Palmitic Acid	40.0
Cholesterol	12.5
Cellulose	50.0
Mineral Mix, AIN-76 (170915)	35.0
Calcium Carbonate	4.0
Vitamin Mix, w/o choline, A, D, E (83171)	5.0
Vitamin E, DL-alpha tocopheryl acetate (500 IU/g)	0.1
Vitamin A Palmitate (500,000 IU/g)	0.04
Vitamin D3, cholecalciferol (500,000 IU/g)	0.0044
Choline Dihydrogen Citrate	2.28

## Footnote

A high fat and high sucrose diet with 1.25% added cholesterol. Fat sources include anhydrous milkfat, Hydrogenated Vegetable Oil and palmitic acid. Approximate fatty acid profile (% total fat): 43% saturated, 23% trans, 27% monounsaturated (cis), 7% polyunsaturated (cis). No supplemental Met is added. This formula with VFT casein is no longer available in pellet form. You can order in powder or "dough" form using product code TD.160785.PWD or order TD.190142 for version with regular casein that can be pelleted.

Selected Nutrient Information<sup>1</sup>

	% by weight	% kcal from
Protein	12.6	10.2
Carbohydrate	46.2	37.3
Fat	29.0	52.6
Kcal/g	5.0	

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

## Speak With A Nutritionist

- + (800) 483-5523
- + [askanutritionist@envigo.com](mailto:askanutritionist@envigo.com)

Teklad diets are designed & manufactured for research purposes only.

## Key Features

- + Purified Diet
- + Rodent NASH Diet
- + Cholesterol
- + Palmitic Acid

## Key Planning Information

- + Products are made fresh to order
- + Store product at 4°C or lower
- + Use within 6 months (applicable to most diets)
- + Box labeled with product name, manufacturing date, and lot number
- + Replace diet at minimum once per week
  - More frequent replacement may be advised
- + Lead time:
  - 2 weeks non-irradiated
  - 4 weeks irradiated

## Product Specific Information

- + Powder (crumbly)
- + Minimum order 3 Kg
- + Irradiation available upon request

## Options (fees will apply)

- + Rush order (pending availability)
- + Irradiation (see Product Specific Information)
- + Vacuum packaging (1 and 2 Kg)

## Contact Us

Obtain pricing · Check order status

- + [teklad@envigo.com](mailto:teklad@envigo.com)
- + (800) 483-5523



## International Inquiry (outside USA or Canada)

- + [askanutritionist@envigo.com](mailto:askanutritionist@envigo.com)

## Place Your Order (USA &amp; Canada)

- Please Choose One
- + [www.envigo.com/teklad-orders](http://www.envigo.com/teklad-orders)
  - + [tekladorders@envigo.com](mailto:tekladorders@envigo.com)
  - + (800) 483-5523
  - + (608) 277-2066 facsimile

May 15th, 2019

Dear Valued Customer,

As of May 15, 2019 we have discontinued TD.160785 in pellet form due to poor pellet quality. We understand you may have ongoing needs so alternative options are available.

- Order TD.160785 in powder or “dough” form using product code TD.160785.PWD  
OR
- Order our new diet, TD.190142, which replaces "vitamin free test" (VFT) casein with regular casein



Additional background to help you decide which option best fits your needs.

- TD.160785 is formulated with casein that has been extracted in ethanol – we call this "vitamin free test" (VFT) casein. To produce VFT casein we take our regular casein and wash it in ethanol. This extraction process removes the trace amount of fat and vitamins present in casein.
- Use of VFT is not necessary in TD.160785 because the diet also contains milkfat (which is what the extraction process removed). The diet is not designed to be vitamin deficient.

Because VFT casein is not necessary, we recently developed a new version of TD.160785 that replaces VFT casein with regular casein (non-extracted). The new diet is available as **TD.190142**, 52 kcal/Fat Diet (C16:0, HVO, AMF, Choline/Met).

In this formula, VFT casein is more challenging to work with and affects pellet quality. Pellet quality of TD.190142 (regular casein) was compared against the pellet quality of TD.160785 (VFT casein), and TD.190142 yields improved pellets as shown in the pictures above.

If you do not wish to change the diet formulation, please purchase TD.160785.PWD, 52 kcal/Fat Diet (C16:0, HVO, AMF, Choline/Met). The diet will not be pelleted. It can be hand-shaped into dough type balls similar to the original pellet shape, and fed on the cage top. This option requires more labor for feeding than use of TD.190142.

Should you have any questions, contact technical services at [askanutritionist@envigo.com](mailto:askanutritionist@envigo.com) or 800.483.5523.

Envigo

Teklad Diets | 2826 Latham Drive, Madison, WI 53713  
T +1 800 483 5523

[envigo.com](http://envigo.com)

