# PRODUCT RESOURCES

Over 12,000 OpenSource Diets for Laboratory Animals











## **Custom OpenSource Diets™**

Our specialty is formulating and producing custom purified-ingredient OpenSource Diets for laboratory animals. A key benefit of our OpenSource Diets is the complete control researchers have over the diet composition. By carefully designing the diet formulas, researchers can test the effects of small or large controlled changes in nutrient composition. With OpenSource Diets, there is minimal batch to batch variation, whereas in chows, the amounts and types of ingredients may vary without control.

## **Diet-Induced Disease Models**

Research Diets, Inc. has over 20 years of collaborative research experience in the study of dietary effects on phenotype expression or NutriPhenomics. Our expert staff of nutritional scientists has formulated OpenSource Diets with our customers for many therapeutic areas, such as:

- Obesity
- Diabetes
- Cancer
- Osteoporosis
- Atherosclerosis
- Toxicology
- Metabolic Syndrome
- Hypertension

# **Global Continuity of Models**

Establish continuity of your animal models across all facilities worldwide and across therapeutic areas by using the same OpenSource Diets. The known nutritional content and lack of batch-to-batch variability in purified OpenSource Diets means researchers around the world can reliably report, repeat and revise their studies. The very nature of OpenSource diets argues for their use in all lab animal research.

## **Incorporate Test Compounds**

Research Diets, Inc. will incorporate your test compound into pelleted diets for simple, safe dosing. Feeding test compounds eliminates dosing related stress to the animal, eliminates vehicle effects, and saves time and labor. Consult with one of our scientists on the formula, determine the dosage required and the diet will be produced and shipped in 5 to 7 business days.



## Value Added Resource

The value of our products is in the scientific support we provide. Our **Resource Center** is staffed with eight (8) Masters and Ph.D. level scientists with access to over 12,000 original formulas and a database of more than 2,500 journal articles based on our OpenSource Diets. We welcome the opportunity to talk science with researchers throughout the world as we maintain our leadership role as the knowledge base for OpenSource Diet formulation.

"We put a huge premium on the availability and knowledgeable response from the staff at Research Diets. We have a high level of trust working with Research Diets."

Jamie Cope, ILYPSA, Associate Director, Metabolic & Molecular Sciences

## Report, Repeat and Revise™

When choosing a diet, one should ask three questions:

1. Can I **report** it (can I tell others exactly what my animals were fed)?

2. Can I **repeat** it (is there diet variability and will I be able to get the same exact formula next year)?

3. Can I **revise** it (can I easily change the dietary components while keeping it matched to previous diets)?

## Yes, you can with OpenSource Diets.

"Now we work only with Research Diets ...the main reason is that the diet is truly Open Source. We know exactly what we are getting in our diets." Christina Sherry, University Illinois at Urbana-Champaign, Research Scientist

The Original High Fat Diet D12451 Formulated by Research Diets, Inc. 1996

## **Original Formulas**

Research Diets, Inc. leads the industry in developing new and original diet formulations. To date we have created more than 12,000 original formulas to meet the needs of individual researchers. The worldwide use and publication of many of our diet formulas has encouraged other manufacturers to follow our lead and offer similar diets based on our original formulas. There is only one place to get original formula OpenSource Diets and that's from Research Diets, Inc.





Plugged

biodag@researchdiets.com



Vnplugged

#### **Episodic Monitoring System**

The BioDAQ Food & Water Intake Monitor measures ad libitum food consumption episodically as it occurs. The Data Viewer provides high resolution data analysis. Adaptable for use with standard experimental cage formats for both rats and mice.

#### Periodic Monitoring System

The BioDAQ Unplugged food and water intake monitor is ideally suited for rat and mouse studies where periodic weighings ( hourly, daily, weekly ) are sufficient. The simple home cage design provides accurate food and water intake measurements and is easily upgraded to an electronic BioDAQ system.

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