



MOUSE PHENOTYPING, PHYSIOLOGY & METABOLISM CORE

(Director: Rexford S. Ahima, M.D., Ph.D.)

Request for Services

Researcher's note: Please download and follow SOP instructions. Remember to acknowledge the Penn Diabetes Endocrine Research Center grant (P30DK19525) and the services of the Mouse Phenotyping, Physiology and Metabolism Core in all publications and presentations.

Lab/PI:	Requestor:
Phone:	Fax:
Email:	Request date:
Protocol No:	Diet

Please consider your experimental design before submitting your request—if you require certain tests to be done within a time frame of each other, please notify us in advance.

Cancellations without 48 hour notice will result in full charges.

Select	Assay	# of Samples	Unit Price	Minimum Order	Total
	Glucose Metabolism: 1. Glucose tolerance test 2. Insulin tolerance test		\$150/10 mice	\$150	
	3. Pyruvate Tolerance Test (Gluconeogenesis) 4. In vivo insulin signaling (Bolus IV insulin injection + Tissue harvesting)		\$400/10 mice \$500/10 mice	\$400 \$500	
	Body Composition: 1. NMR (Fat/Lean) 2. DEXA 3. Grip Strength		\$50/ mouse \$50/mouse \$100/10 mice	\$250 \$250 \$100	
	Lipid Metabolism: 1. In vivo fatty acid oxidation (3H-Oleic acid) 2. In vivo triglyceride production rate		\$100/ mouse \$100/ mouse	\$500 \$500	
	Comprehensive Metabolic Monitoring 1. Energy Expenditure (3hrs) (EE) & Activity Monitoring 2. 24 hr. Energy Expenditure, Feeding, Drinking, Activity Monitoring and Sleep epochs. 3. Treadmill exercise and energy Expenditure for 2 hr.)		\$300/4 mice \$1000/4 mice \$300/4 mice	\$300 \$1000 \$300	

Total \$

Contact:

Frederick Anokye-Danso, PhD (Technical Director) (afred@mail.med.upenn.edu)
3400 Civic Center Blvd Building 421, SCTR 12-184, Philadelphia, PA 19104-5160
Telephone: 215-573-1873 Cell phone: (856)-562-9202 Fax (215) 898-5408



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Select	Assay	# of Samples	Unit Price	Minimum Order	Total
	Hyperglycemic clamp and insulin secretion		\$1000/5 mice	\$1000	
	Serum insulin ELISA		TBD (Cost of Crystal Chem kit and reagents)	TBD	
	Cold tolerance test (room temp vs. 4°C; core temperature and BAT temperature measurements)		\$200/4 mice	\$200	
	Cold tolerance test and (room temperature vs. 4°C; Thermographic imaging)		\$200/4 mice	\$200	
	Blood pressure and heart rate (tail cuff method)		\$200/4 mice	\$200	
	Other Tests:				
	Other Tests:				
	Per diem charges				

Total \$

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