

Materials List for:

# High Fat Diet Feeding and High Throughput Triacylglyceride Assay in *Drosophila Melanogaster*

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## Materials

Name	Company	Catalog Number	Comments
Talboys Ball dropper/bead Dispenser	Talboys	#: 930150	
Talboys High Throughput Homogenizer	Talboys	#: 930145	
Grinding Balls, Stainless Steel	OPS Diagnostics, LLC	# GBSS 156-5000-01	5000 balls
Masterblock 96 Well deep Microplates	Greiner Bio-One	# T-3058-1	case of 80 plates
Greiner 96 well microplate flat bottom	Sigma Aldrich	# M4436	40 plates
Greiner CapMat for sealing multiwell plates	Sigma Aldrich	# C3606	50 sealing plates
Reagent Reservoirs	Thomas Scientific	# 1192T71	12/PK
Thermo Scientific Finnpiquette 4661040	Thermo Scientific	# 4661040	1-10 ul multipipette
Thermo Scientific Finnpiquette 4661070	Thermo Scientific	# 4661070	30-300ul multipipette
Thermo Scientific Finnpiquette 4661020	Thermo Scientific	#4661020	10-100ul multipipette
Multichannel tips	Denville Scientific Inc	# P3131-S	for 10 uL pipette
Multichannel tips	Denville Scientific Inc	# P3133-S	for 200 uL pipette
Multichannel tips	Denville Scientific Inc	#P1125	for 100 uL pipette
Forceps	Roboz Surgical	# 5 Dumonts	Super fine forceps
Mettler Toledo Excellence XS Analytical Balance Mfr# XS64	Cole-Parmer scientific experts	# EW-11333-00	
Metler Toledo Excellence XS Toploading Balance	Cole-Parmer scientific experts	# EW-11333-49	
96-Well microplate Centrifuge	Hettich Zentrifugen	# Rotina 420R	
Microplate Reader	Molecular devices	# SpectraMax 190	
Lab-Line Bench Top Orbit Environ Shaker Incubator	Biostad	# 3527	
Infinity Triglycerides reagent	Thermo Scientific	# TR22421	
Triglyceride Standard	Stanbio	#2103 - 030	
Quick Start Bradford Protein Assay	Bio-RAD	# 500-0205	1x dye Reagent
Coconut oil	Nutiva	# 692752200014	15 Oz jar
PBS 10X	Thermo Scientific	# AM9625	500 ml
Triton X-100	Sigma Aldrich	# 9002-93-1	
Gas-permeable Foil	Macherey-Nagel	# 740675	50 pieces
filter Paper	VWR	# 28317-241	Pack of 100

Drosophila vials	Genesee Scientific	Cat #: 32-116SB	
Quick Start Bovine Serum Albumin Standard	Bio-Rad	# 5000206	
FlyNap Anesthetic	Carolina	# 173025	100 mL
Kimwipes Low-Lint	Uline	# S-8115	1-Ply, 4.4 x 8.4"