

Materials List for:

Study of *In Vivo* Glucose Metabolism in High-fat Diet-fed Mice Using Oral Glucose Tolerance Test (OGTT) and Insulin Tolerance Test (ITT)

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Materials

Name	Company	Catalog Number	Comments
Mouse strain: C57BL/6J	The Jackson Laboratory	664	LFD/HFD
Accu Chek Performa - Glucometer	Roche	6870228	OGTT/ITT
Accu Chek Performa - Strips	Roche	6454038	OGTT/ITT
D-(+)-Glucose solution	Sigma-Aldrich	G8769	OGTT
Actrapid - Insulin	Novo Nordisk	417642	ITT
Reusable Feeding Needles	Fine Science Tools	#18061-22	OGTT; 22 gauge (-24 gauge for young mice)
Omnifix-Fine dosing syringes	Braun	9161406V	OGTT/ITT
Sterican Insulin needle (30G x 1/3"; ø 0.30 x 13 mm)	Braun	304000	ITT; lean mice
Sterican (G 27 x 3/4"; ø 0.40 x 20 mm)	Braun	4657705	ITT; mice on HFD
96 Well PCR Plates, non-skirted, flexible	Braintree Scientific, Inc.	SP0016	OGTT
Ultrasensitive Mouse Insulin ELISA kit	Crystam Chem	90080	OGTT
Rodent Diet with 60% kcal% fat	Research Diets Inc	D12492	mice on HFD
Rodent Diet with 10% kcal% fat.	Research Diets Inc	D12450B	mice on LFD
BRAND micro haematocrit capillary	Sigma-Aldrich	BR749321	OGTT/ITT
Vaseline - creme	Riviera	P1768677	OGTT/ITT