Endocrinology and Metabolism

Long-term feeding of high-fat diets can cause obesity and increased fasting blood glucose in mice along with fat accumulation and insulin resistance in the body to mimic human type II diabetes.

Mouse model of Type II diabetes

Principle Long-term feeding of high-fat diets can cause obesity and increased fasting blood glucose in mice along with fat accumulation and insulin resistance in the body to mimic human type II diabetes.

Sample requirements C57 mice of 6-8 weeks old

Testing instruments and consumables 60% fat high feed, Roche blood glucose meter, glucose, insulin

Service cycle 10-12 weeks

Technical indicators Provide testing services including the testing of fasting blood glucose, body weight, GTT, and ITT as well as continuous multi-point blood collection services.