Scintica:
NIUMAG

In vivo

Sober

Qquantitative

Acurate

Sober Small Animals
Body composition analyzer

QMR06-060H-PRO

QMR06-090H-PRO

![Scintica:]

The QMR series is a special instrument developed by Niumag Analytical for the quantitative and qualitative analysi of the body composition of small animals. It uses quantitative magnetic resonance technology to perform rapid, quantitative fat and lean content measurements in small animals while awake, based on relaxation differences in fat and lean muscle. The MRI visualises the two-dimensional spatial distribution of fat, which, when combined with quantitative data, provides multifaceted and in-depth data to support scientific research.

Product features

- Fat content test
- Lean meat test

Technical parameter

- Magnet Type: Permanent Magnet
- Magnetic field strength: 0.15±0.015T

Technical Features

- QMR06-060H-PRO：
  for smail animal form 10g- 100g
  for tiusses form 0.1g-6g in vitro

- QMR06-090H-PRO：
  for smail animal form10g- 800g
  for tiusses form 0.1g-6g in vitro

※No need for anesthesia or death
Full life cycle monitoring of animal models

Sober

No pretreatment required
Complete analysis within 2 minutes

Fast

Compre-hensively

Analysis and Imaging in one instrument
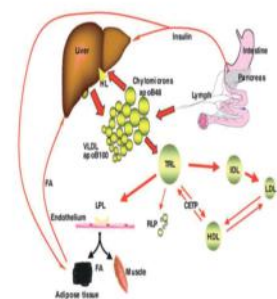Quantitative detection + intuitive qualitative

Application Field
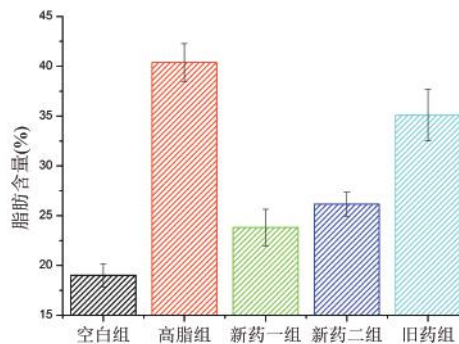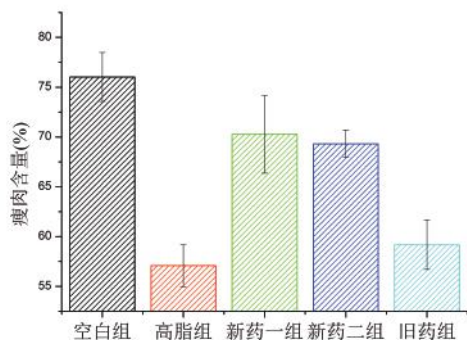
Pharmaceutical Research

Disease Research

obesity

hypertension、heart disease

nutrition

Metabolic Research

※Imaging tests require anesthesia
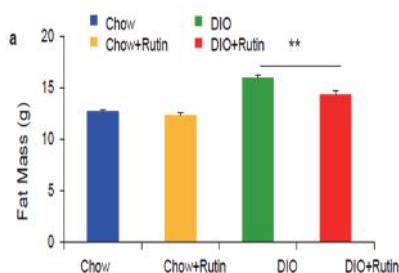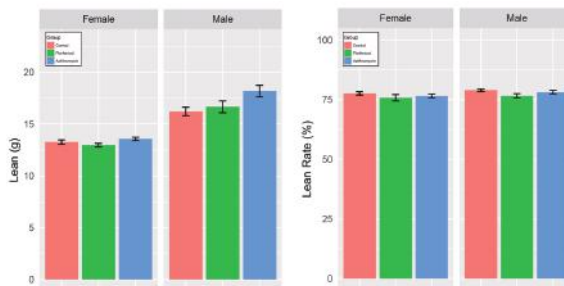
Scintica

Pharmaceutical Evaluation

QMR Small Animal in-vivo Body Composition Analyzer can quickly detect fat content and lean meat content at the same time.
This technology can be used for the evaluation of pharmaceutical efficacy in pharmaceutical development for the treatment of obesity.

Articles published by clients

[1]

[2]

[1] Yuan x x. Rutin ameliorates obesity through brown fat activation[J]. Faseb Journal , 2017 , 31 (1) :333- 345
[2] Li R. Effects of oral florfenicol and azithromycin on gut microbiota and adipogenesis in mice[J]. Plos One , 2017 , 12 (7) .