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U Mass - Body composition (whole body)

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Jason Kim[1]

[1]University of Massachusetts

Mouse Metabolic Phenotyping Centers
Tech. support email: **info@mmpc.org**


Lili Liang

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Protocol status: Working
We use this protocol and it's working

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Abstract

Summary:

The EchoMRI 3-in-1 uses ^{1}H- magnetic resonance spectroscopy to noninvasively measure whole body fat mass, lean mass, and water mass in awake mice. Whole body fat mass is a measure of adiposity that is altered in obesity. Whole body lean mass may be altered by exercise and in mouse models of altered metabolism.

Materials

MATERIALS

EchoMRI 3-in-1 **Echo Medical Systems**

Note:

EchoMRI, RRID:SCR_017104

1 Place awake mice into an instrument column.

2 Measure whole body fat mass, lean mass, and water mass using instrument standard operating procedure.