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

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🌐 U Mass - Body composition (whole body)

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ABSTRACT

Summary:

The EchoMRI 3-in-1 uses ¹H- 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](#)

Keywords: Whole body lean mass, obesity

- 1 Place awake mice into an instrument column.
- 2 Measure whole body fat mass, lean mass, and water mass using instrument standard operating procedure.