

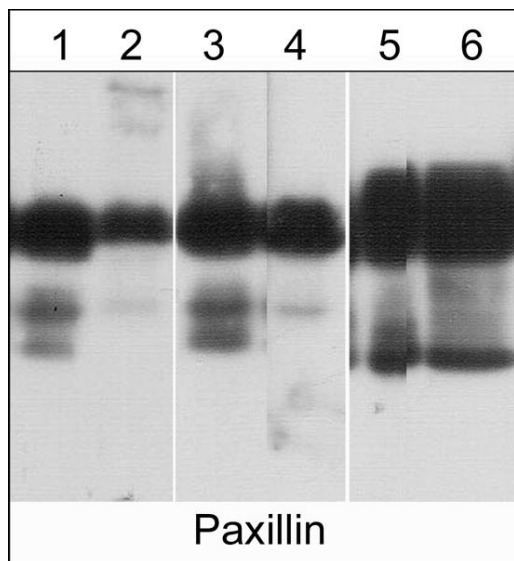
Kit Summary

The mouse tissue lysate sampler kit contains Western blot lysates from several adult mouse (Balb/c) tissues, including brain, muscle, heart, kidney, liver, and spleen. This kit can be used to examine patterns of mouse protein expression.

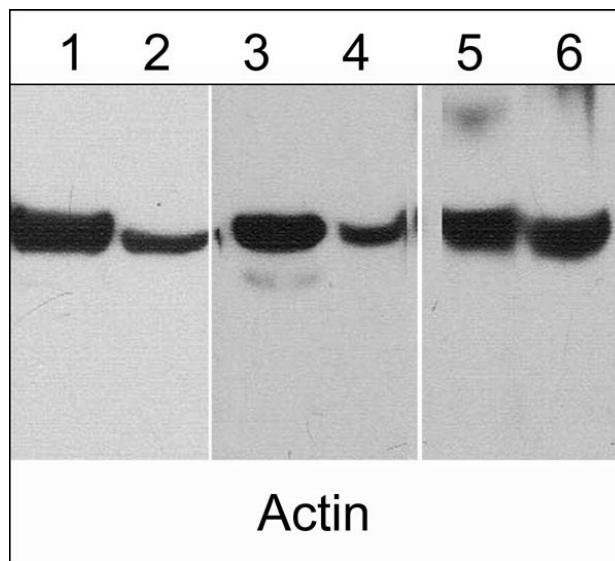
Kit Components

Cat. #	Description	Product Type	Size	Applications	Species Reactivity	WB Dilution
BL7011	Mouse Brain	Lysate	100 µl	WB		N/A
HL7021	Mouse Heart	Lysate	100 µl	WB		N/A
KL7031	Mouse Kidney	Lysate	100 µl	WB		N/A
LL7041	Mouse Liver	Lysate	100 µl	WB		N/A
ML7051	Mouse Muscle	Lysate	100 µl	WB		N/A
SL7061	Mouse Spleen	Lysate	100 µl	WB		N/A

Applications: WB = Western blot, E = ELISA, ICC = Immunocytochemistry, IP = Immunoprecipitation, IHC = Immunohistochemistry, FC = Flow Cytometry
Species: H = Human, R = Rat, Ms = Mouse, C = Chicken, F = Fish, Fr = Frog, Rb = Rabbit



Western blot analysis of adult mouse tissue lysates (20 µg/lane): brain (lane 1), spleen (lane 2), liver (lane 3), kidney (lane 4), muscle (lane 5), and heart (lane 6). The blots were probed with mouse monoclonal anti-Paxillin (PM1071).



Western blot analysis of adult mouse tissue lysates (20 µg/lane): brain (lane 1), spleen (lane 2), liver (lane 3), kidney (lane 4), muscle (lane 5), and heart (lane 6). The blots were probed with rabbit polyclonal anti-Actin (AP1651).

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Background

Brain (cerebrum and cerebellum), gastrocnemius muscle, whole heart, kidney, liver, and spleen were dissected from adult mouse (Balb/c). The tissues were rinsed in Hank's buffered saline solution and lysed in boiling 1% SDS, 1.0 mM sodium ortho-vanadate, 10 mM Tris (pH 7.4) buffer. Each lysate was sonicated then diluted to the final concentration in electrophoresis sample buffer.

Background References

Burgoyne, R.D. et al. (1988) EMBO J. 7(8):2311.

Dennis-Sykes, C.A. et al. (1985) J Biol Stand. 13(4):309.

Buffer and Storage

Cell Lysates are supplied at a concentration of 1 mg/ml in electrophoresis sample buffer (62.5 mM Tris pH 6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9% β -mercaptoethanol). Store at -20°C . Do not boil or dilute. Stable for 1 year.

Product Citations

Cat. #	<u>Citation & Application</u>
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