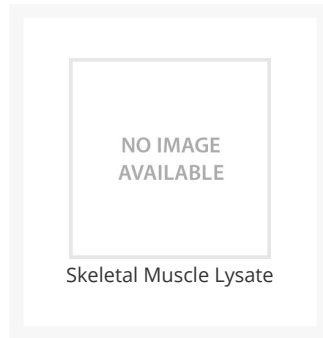




# Skeletal Muscle Lysate

Cat. No.: 21-107



## Ψ Specifications

<b>SPECIES:</b>	Bovine
<b>TESTED APPLICATIONS:</b>	WB
<b>APPLICATIONS:</b>	Skeletal muscle lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

## Ψ Properties

<b>BUFFER:</b>	HEPES pH 7.9, MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.
<b>CONCENTRATION:</b>	2 mg/mL or better
<b>STORAGE CONDITIONS:</b>	Store at 2-8 °C for continuous use. For extended storage, freeze working aliquots at -70 °C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

## Ψ Background and References

**BACKGROUND:**

Bovine skeletal muscle tissue lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70 °C. The bovine skeletal muscle tissue total protein is provided in a buffer including HEPES (pH 7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the skeletal muscle tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The skeletal muscle tissue is then Western analyzed by either GAPDH or  $\beta$ -actin antibody, and the expression level is consistent with each lot.

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