



Plant: Arabidopsis Lysate

Cat. No.: 21-395



Ψ Specifications

SPECIES:	Plant
TESTED APPLICATIONS:	WB
APPLICATIONS:	Plant: Arabidopsis lysate is for use in Western blotting, 10 μ g to 20 μ g per lane is recommended for mini gel.

Ψ Properties

BUFFER:	HEPES pH 7.9, MgCl ₂ , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.
CONCENTRATION:	2 mg/mL or better
STORAGE CONDITIONS:	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:

Plant plant-arabidopsis matter lysate was prepared by homogenization using a proprietary technique. The matter was frozen in liquid nitrogen immediately after excision and then stored at -70 °C. The plant plant-arabidopsis matter total protein is provided in a buffer including HEPES (pH 7.9), MgCl₂, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the plant-arabidopsis matter on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The plant-arabidopsis matter is then Western analyzed by either GAPDH or β -actin antibody, and the expression level is consistent with each lot.

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