Item Name : Human Adult Liver Whole Tissue Lysate

Cat# HAL-1304

Size: 1 mg

Tissue type: Liver

Source: Human

Buffer: Hepes buffer, pH 7.9, KCl, deoxycholate, NP-40%, EDTA, sucrose, and a cocktail of protease inhibitors

Store Total tissue protein lysate was prepared in Hepes buffer, pH 7.9, KCl, deoxycholate, NP-40%, EDTA, sucrose, and a cocktail of protease inhibitors. Lysate is typically supplied undiluted at a concentration of 5 mg/ml (or see lot specific conc on the vial).. Store at 2-8°C for short term 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.

Recommended Usage

Western blot-Load 5-20 ug/lane for testing with various antibodies. Heat at 95°C for 2-5 minutes prior to loading on gels.

Lysate preparation

Tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 ug/ml of aprotinin, 5 ug/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay.

All items are for in vitro research use only.

Related items

#90100 Western blot recycling kit
80200 Western blot Kit for Rabbit Primary Antibodies, Chemilum. Substrate
80201 Western blot Kit for Goat Primary Antibodies, Chemilum. Substrate
80202 Western blot Kit for Mouse Primary Antibodies, Chemilum. Substrate
80215 NuGlo ECL Substrate Kit for Western blot
80400-100 Bovine Serum Albumin (BSA, protease-free) for western (makes ~2-L buffer @5% BSA)
80400-100 Bovine Serum Albumin (BSA, protease-free) for western (makes ~2-L buffer @5% BSA)
#ACTB12-M Mouse monoclonal anti-beta actin IgG
#G3PDH12-M Mouse monoclonal anti-G3PDH (GAPDH)

RIPA buffer, mol wt markers, Mouse, rat and human tissue lysates and pre-made protein blots are also available.

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