Human Brain Tissue Control Lysate

Background

Brain 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 µg/ml of aprotinin, 5 µg/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

Ordering Information

Catalog Number
X1633C

Size
100 µg

Customer Storage
Product should be stored at -20ºC. Aliquot to avoid freeze/thaw cycles

Formulation
Provided in 10% glycerol, 0.063 M Tris-HCl (pH 6.8), 2% SDS and 0.002% bromophenol blue, 5% 2-mercaptoethanol

Ship Conditions
Ship at ambient temperature, freeze upon arrival

Stability
Products are stable for one year from purchase when stored properly

Comments

Human brain tissue lysate is ready to load on SDS-PAGE for Western blotting.

Instructions

Use 10-20 µg of human brain tissue lysate per lane. Lysate should be boiled prior to loading to ensure total denaturation of lysate. Boil for 10 minutes prior to loading.

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