

Human Brain Tissue Lysate

Cat. No. Brain Tissue-7H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Form	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.
Concentration	2.0 mg/ml
Tissue Type	Brain Tissue
Preparation method	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 μ g/ml of aprotinin, 5 μ g/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.
Safety Testing	This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV. Additional patient information may be available upon request.
Diagnosis	Normal

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Expiration Date	One year from date of receipt
Size	0.1 mg, 0.5 mg
Storage Instruction	For short term storage of this tissue lysate, freeze in single use aliquots at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For long term storage freeze working aliquots at -70°C. Under proper storage conditions the shelf life of this tissue lysate is 6 months from the date of receipt.
Applications	This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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