

Human Brain Tissue Lysate

Catalog No.	PX335A	Quantity:	100 µg
	PX335B		0.5 mg

Description: Human brain tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM NaCl + 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 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.

Concentration: 2.0 mg/ml

Source: Human Brain tissue from a 38 year-old female

Formulation: Liquid in SDS sample buffer + 5% β-mercaptoethanol

Tissue Type: Brain

Diagnosis: Normal

Reconstitution: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For lysates with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

Applications: Ready to load on SDS-PAGE. 20 µg per lane is recommended for a mini gel. The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at 2-4°C for continuous use. For extended storage, freeze working aliquots at -80°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

Certification: This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

