

Product Datasheet



Product Description

Product:	Rat Brain Tissue Lysate
Catalog Number:	IRT-TL-BR
Description:	A freshly-harvested Sprague Dawley rat brain is flash-frozen in liquid nitrogen within 30 seconds of removal and stored frozen until lysis. The tissue is ground and thoroughly homogenized at 4°C with a freshly prepared modified Radio Immuno Precipitation Assay (RIPA) buffer containing strong protease and phosphatase inhibitor cocktails. The final homogenate is incubated with DNase then clarified by centrifugation at 10,000 g at 4°C and stored at -80°C. Each lot is quality controlled by determining the protein concentration using a BCA assay and analyzed with SDS-PAGE using Coomassie blue for visualization. Sharp, clear protein bands indicate a quality protein lysate.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	5 years from delivery
Source:	Rat brain

Sample Characteristics

Lot Number:	IRT-TL-BR-SAMPLE
Aliquot:	1 x 0.2 mg
Concentration:	2.5 mg/ml
Volume:	0.08 ml
Buffer:	0.1M Tris-HCl; 0.15M NaCl; 0.1% SDS; 0.5% Na Deoxycholate; 1% Triton X-100; pH 7.4
Form:	Frozen liquid

For In Vitro laboratory use only

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