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Rat Heart Tissue Lysate

Catalog No.	PX412A	**Quantity:**	100 µg

Description: Rat heart 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.

Source: Rat heart tissue from white laboratory rats

Concentration: 2 mg/ml

Formulation: Heart tissue lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.

Species: Rat

Applications: **Centrifuge vial before use.** Rat heart tissue lysate is ready to load on SDS-PAGE for Western blotting, 10-20 µg per lane is recommended for mini gel.

Storage & Stability: Store at 2-8°C for continuous use. Store in working aliquots at -80°C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

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

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com