

## Rat Spleen Tissue Lysate

**Catalog No.** PX420A **Quantity:** 100 µg

**Description:** Rat spleen 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 tissue lysate 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% b-mercaptoethanol.

**Source:** Spleen tissue from white laboratory rats

**Concentration:** 2.0 mg/ml

**Formulation:** Spleen tissue lysate is supplied in 1 x SDS sample buffer containing 5% b-mercaptoethanol.

**Application:** **Centrifuge vial before use.** Rat spleen tissue lysate is ready to load on SDS-PAGE for Western blotting, 10-20 µg per lane is recommended for mini gel. The optimal concentration should be determined for each specific application.

**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.**