

Human Spleen Tissue Lysate

Catalog No.	PX343A	Quantity:	100 µg
	PX343B		0.5 mg

Description: Human spleen tissue lysate was prepared by homogenization in a **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 were 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 50 mM DTT.

Concentration: 2.0 mg/ml

Source: Normal human spleen

Applications: Western blot

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

Formulation: Supplied as whole cell lysate in 1 x SDS sample buffer containing 50 mM DTT.

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

Certification: Note: material tested by approved techniques and found to be negative for HBsAg, HIV1, HIV2, and HCV.

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