

Human U937 Cell Lysate

Catalog No. PX332A **Quantity:** 100 µg

Description: Human U937 Cell lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4 + 1% Triton X-100 + 0.2% sodium deoxycholate + 0.2% sodium dodecylsulfate (SDS) + 1 mM sodium ethylenediaminetetraacetate + 1 mM phenylmethylsulfonyl fluoride + 5 µg/ml of aprotinin + 5 µg/ml of leupeptin). Cell debris was removed by centrifugation.

Concentration: 2 mg/ml

Cell Line: U937 (Human histiocytic lymphoma)

Growth Media: DMEM with 10% NCS (Newborn Calf serum)

Formulation: Lysate in SDS sample buffer with 5% β-mercaptoethanol.

Applications: Western Blot

Application Notes: **Centrifuge vial before use.** Ready to load on SDS-PAGE. 10-20 µg per lane is recommended for mini gel.
The optimal concentration should be determined by the user 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.

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.