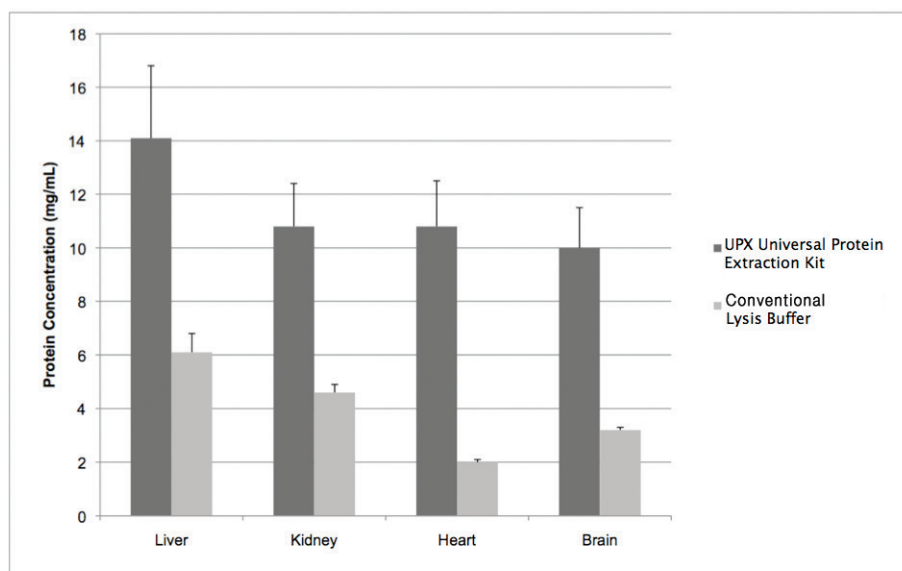


DATA SHEET

**Unbiased Protein Extraction with
UPX Universal Protein Extraction Kit****COMPLETE SOLUBILIZATION FOR UNIVERSAL SAMPLE PREPARATION**

Protein Discovery's UPX Universal Protein Extraction Kit is for researchers who need universal, unbiased extraction of both soluble and insoluble proteins, and an abundant yield of protein starting material.

**Comparison of Extracted Protein Concentration with
UPX Protein Extraction Kit vs Conventional Lysis Buffer**

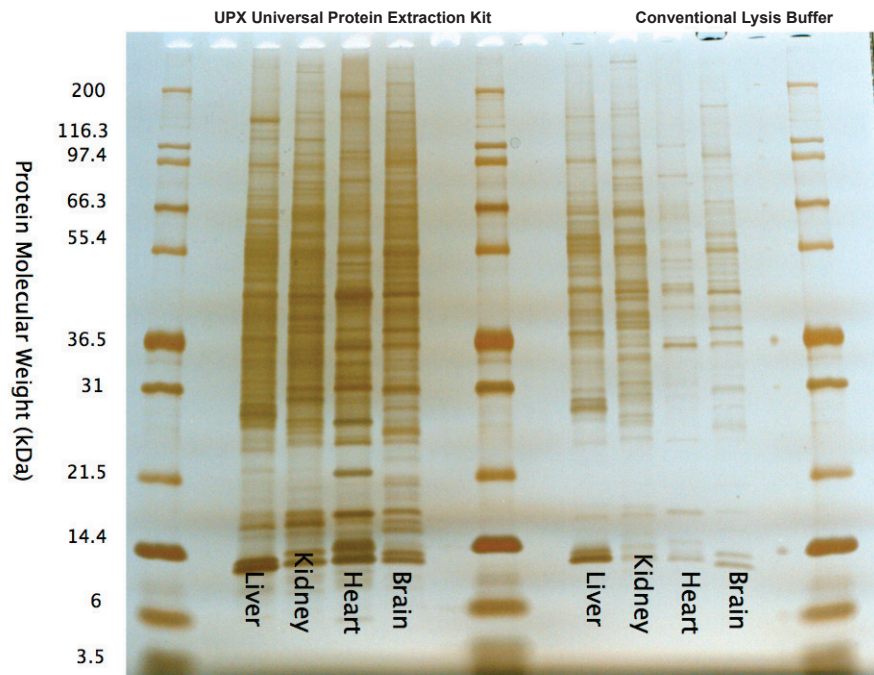
Extract proteins at high efficiency and solubilize the entire proteome.

Tissues were prepared according to manufacturers suggested instructions for each tissue type. Each sample was prepared in triplicate. Error bars represent one standard deviation.

UNBIASED EXTRACTION OF MAMMALIAN TISSUES AND CULTURED CELLS

Protein Discovery's UPX Protein Extraction Kit works at high efficiency on mammalian organ tissues such as heart, liver, brain, and kidney, on mammalian-derived cultured cell lines, and bacteria. Start with freshly harvested or frozen cells.

Comparison of Extracted Proteins with UPX Protein Extraction Kit vs Conventional Lysis Buffer (equal volume loading)



Unbiased, High-Yield Protein
Extraction for Universal
Sample Preparation

ANALYZE THE DEEP PROTEOME

The lysis reagent included with the UPX Protein Extraction Kit maximizes the extraction of proteins from cells and tissues under conditions that are compatible with downstream proteomics applications. The reagent contains reducing agents and SDS, providing unbiased, universal extraction of proteins from cells and tissue. The resulting lysates are compatible with Filter-Aided Sample Preparation (FASP), SDS-PAGE separations, and the Gelfree 8100 Fractionation System.

ORDERING INFORMATION

To order the UPX Universal Protein Extraction Kit, visit www.proteindiscovery.com to request a quote, or contact Protein Discovery, Inc. by phone, fax, or e-mail.

(T) 865.521.7400 / (TF) 866.670.9038 / (F) 865.521.3548
sales@proteindiscovery.com

DESCRIPTION

UPX Universal Protein Extraction Kit
Contains 50 mL UPX Buffer

PART NUMBER

44101