

Pel-Freez® Biologicals

Laying the foundation for future discoveries

219 N. Arkansas St. • Rogers, AR 72756 • Tel. (479) 636-4361 • (800) 643-3426 • Fax (479) 636-3562

Animal Tissue Lysates

Pel-Freez Biologicals offers a new series of high quality mouse and rat lysates from various tissues and organs. Lysates are suggested for biomarker identification and screening, antibody characterization, protein-protein interaction, protein expression, ligand binding, ELISA, immunoprecipitation, purification, mass spectroscopy, SDS-PAGE and Western blotting. Tissues are collected in-house and every batch is quality controlled by a total protein assay and SDS-PAGE to ensure efficient protein extraction from subcellular compartments. These proteins are protected against degradation with protease and phosphatase inhibitors. All protocols and batch records are maintained in accordance with ISO 9001:2000 standards.

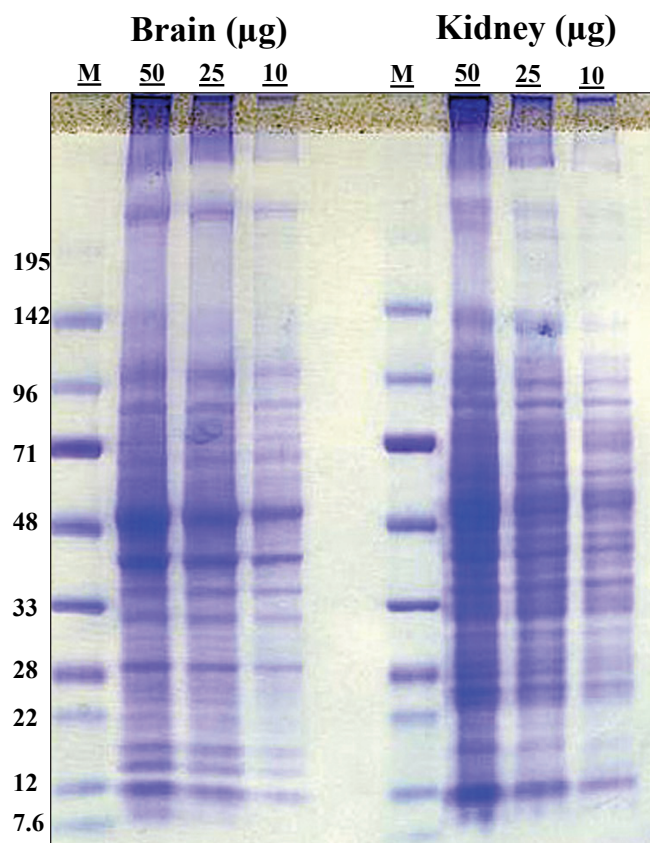
Benefits:

- 50 years of tissue collection experience
- Double quality controlled by total protein assay and SDS-PAGE
- Cost competitive pack sizes
- Standard stock for fast turnaround, custom quotes for flexibility

The freshly-harvested animal tissue is flash-frozen in liquid nitrogen in less than 30 seconds upon removal and stored via submersion in liquid nitrogen until cryoground to a fine powder using a mortar and pestle at less than -80°C. This powder is thoroughly homogenized at 5°C with a freshly prepared modified, inhibited Rapid Immuno Precipitation Assay buffer containing strong protease and phosphatase inhibitors. The final homogenate is clarified by centrifugation at 10,000 g (0°C) and stored at -80°C; samples are shipped on dry ice. Each lot is quality controlled by determining the protein concentration using a BCA assay and analyzed with SDS-PAGE using Coomassie blue for visualization. Sharp, clear protein bands indicate a quality protein lysate.

Product	Size	Cat. No.	Price
Mouse Brain	200 µg	55004-Lysate	\$100
Mouse Cerebral Cortex	200 µg	55006-Lysate	\$100
Mouse Cerebellum	200 µg	55008-Lysate	\$100
Mouse Heart	200 µg	55018-Lysate	\$100
Mouse Kidney	200 µg	55020-Lysate	\$100
Mouse Liver	200 µg	55023-Lysate	\$100
Rat Brain	200 µg	56004-Lysate	\$100
Rat Cerebral Cortex	200 µg	56006-Lysate	\$100
Rat Cerebellum	200 µg	56008-Lysate	\$100
Rat Heart	200 µg	56016-Lysate	\$100
Rat Kidney	200 µg	56020-Lysate	\$100
Rat Liver	200 µg	56023-Lysate	\$100

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Long known as a leader in the antibody community, Pel-Freez Biologicals has expanded its product line once again to include some new primary and secondary antibodies selections. The primary antibodies are in affinity purified form and the secondary antibodies listed here are affinity purified and are ready to use, but are also available as neat antisera for those clients doing their own purification. Be sure to ask us about 2nd antibodies outside this list, as well as our NEW ancillary tissue preparations, such as homogenates and lysates.

Primary Antibodies

Code	Description	Volume	Price
P40101-0	Rabbit /Tyrosine Hydroxylase	150 ul	\$275
P40201-0	Rabbit/Dopamine B-Hydroxylase, Hu C-Terminal	100 ul	\$275
P40301-0	Rabbit/Dopamine B-Hydroxylase, Hu N-Terminal	100 ul	\$275
P40401-0	Rabbit/Aromatic L-Amino Acid Decarboxylase	100 ul	\$275
P40501-0	Rabbit/Dopamine Transporter, C-Terminal	100 ul	\$275
P40601-0	Rabbit/Vesicular Monoamine Transp. 2,C-Terminal	100 ul	\$275
P60101-0	Sheep/Tyrosine Hydroxylase	150 ul	\$275
P60201-0	Sheep/Dopamine B-Hydroxylase, Hu C-Terminal	100 ul	\$275
P60301-0	Sheep/Dopamine B-Hydroxylase, Hu N-Terminal	100 ul	\$275
P60401-0	Sheep/ Tryptophan Hydroxylase	100 ul	\$275
P80101-0	Monoclonal/Tyrosine Hydroxylase	100 ul	\$275
P41101-0	Rabbit/Phospho Ser 19Tyrosine Hydroxylase	100µl	\$310
P41201-0	Rabbit/Phospho Ser 31Tyrosine Hydroxylase	100µl	\$310
P41301-0	Rabbit/Phospho Ser 40Tyrosine Hydroxylase	100µl	\$310
P42101-0	Rabbit/GABAA Receptor,γ2-Subunit	50 µl	\$275
P42201-0	Rabbit/GABAA Receptor,α6-Subunit	50 µl	\$275
P42301-0	Rabbit/GABAA Receptor,β2Subunit C-Term	100µl	\$310
P43101-0	Rabbit/NMDA Receptor,NR2B Subunit	10 µg	\$310
P43201-0	Rabbit/NMDA Receptor,NR2A Subunit	10 µg	\$310
P43301-0	Rabbit/Phospho-Tyr1472, NMDA,NR2B-Sub.	100 µl	\$310
P44101-0	Rabbit/Synapsin I	10 µg	\$310
P45101-0	Rabbit/Phospho-Ser 845 GluR1	100 µl	\$310
P46101-0	Rabbit/Phospho-Thr 202 ERK/MAPK	100 µl	\$310
P46201-0	Rabbit/Phospho-Thr 180 p38 MAPK	100 µl	\$310

Secondary Antibodies

Code	Description	Volume	Price
10101-1	Rabbit / Goat IgG	5 mg	\$75
10111-1	Rabbit / Goat IgG Fc	5 mg	\$100
10901-1	Goat / Human IgG	5 mg	\$50
10911-1	Goat / Human IgG Fc	5 mg	\$75
12101-1	Goat / Rabbit IgG	5.0 mg	\$50
12111-1	Goat / Rabbit IgG Fc	5.0 mg	\$75
12211-1	Goat F (ab) 2 / Rabbit IgG (H&L) HRP	1.0 ml	\$165
12212-1	Goat F (ab) 2 / Rabbit IgG (H&L) Biotin	0.5 mg	\$165
12213-1	Goat F (ab) 2 / Rabbit IgG (H&L) FITC	0.5mg	\$165
10501-1	Goat / Mouse IgG	5 mg	\$50
10511-1	Goat / Mouse IgG Fc	5 mg	\$75
10512-1	Goat / Mouse IgG (H&L) HRP	1.0 ml	\$170
10513-1	Goat / Mouse IgG (H&L) Biotin	0.5 mg	\$170
10514-1	Goat / Mouse IgG (H&L) FITC	0.5 mg	\$170
10515-1	Goat / Mouse IgG (H&L) Texas Red	0.5 mg	\$170
13911-1	Donkey / Goat IgG (H&L) HRP	1.0 ml	\$115
13912-1	Donkey / Goat IgG (H&L) Biotin	1.0 mg	\$115
13913-1	Donkey / Goat IgG (H&L) FITC	1.0 mg	\$115

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