

FOR IMMEDIATE RELEASE

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**Human Clinical Specimen Derivatives, Protein and
Tissue Microarrays for Cancer Proteomics Research,
Biomarker Analysis and Molecular Fingerprinting**

Hundreds of new, ready-to-use products for the study of human cancers are now available from Protein Biotechnologies™. Total protein lysate and microarray research products have been created from an extensive collection of patient matched tumor and normal clinical tissue specimens. This represents a major benefit to cancer researchers worldwide who have up to now, had to rely on limited amounts of tissue from a relatively small number of patients or, preserved tissues that have been fixed and embedded. Through the use of these carefully quality controlled cancer tissue extracts, researchers are realizing a significant improvement in experimental throughput, efficiency, reproducibility and an enhanced ability to confidently compare data generated by other labs.

Protein lysates are prepared from a broad range of tissues, malignancies, and tumor grades. They are currently available from lung, breast, colon, and female reproductive tract tissues and protein lysates from numerous other tissues and organs will be available soon. These products are ideal for biomarker identification and screening, protein expression and interaction analysis, ligand binding studies, Western blotting, antibody characterization, ELISA, immunoprecipitation, 1D or 2D polyacrylamide gel electrophoresis and Western blotting.

Tissues are obtained through a global network of participating medical centers that employ IRB approved protocols and strict ethical guidelines to ensure patient confidentiality and safety. Specimens are flash frozen to -120° C within 5-10 minutes of removal to minimize autolysis, protein degradation and the effects of hypoxia and protein. Detailed pathology reports have been compiled for each set of tissues and, in many cases, H&E stained tissue section images are available for viewing or downloading at our website.

For more information visit www.proteinbiotechnologies.com call Protein Biotechnologies toll-free at 1-800-475-1955, fax 1-760-789-8929, email info@proteinbiotechnologies.com or write Protein Biotechnologies, Inc., 1672 Main Street Ste. E #264, Ramona, CA 92065.

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