

Frozen Cancer Tissue Array

Cost-Effective and Time-Efficient Platform for Biomarker Discovery and Validation

Variety of cancers, different donors, and multiple applications

BioChain is a leading manufacturer of Frozen Tissue Arrays. Each array is produced using state-of-the-art sample preparation technology from the finest quality of tissue specimens. The tissues are immediately put in liquid nitrogen after being excised and meticulously selected for exceptional quality by our pathologist. The quality of each slide is verified by using two unique staining methods.

Frozen Tissue Arrays are a remarkable tool for rapid cellular localization of DNA, RNA, and protein expression. Designed in conformance with FDA guidelines, the tissues meet requirements for therapeutic and diagnostic antibody validations, immunohistochemistry, and in vitro diagnostic device certification.

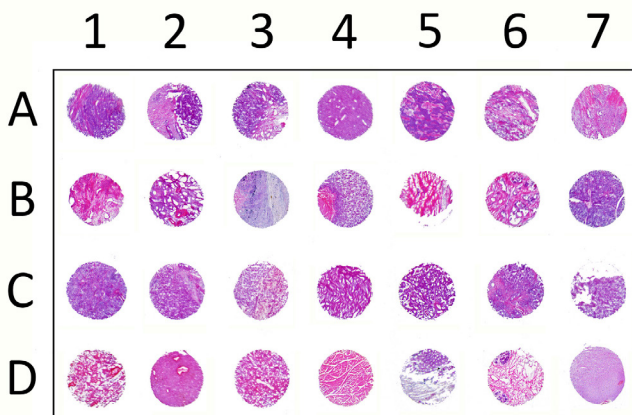


Figure (top): Frozen Tissue Array for human tumor and corresponding normal tissues stained with H&E. 14 different tissues are mounted on glass slides. For example, A1=normal brain tissue and B1=tumor brain tissue.

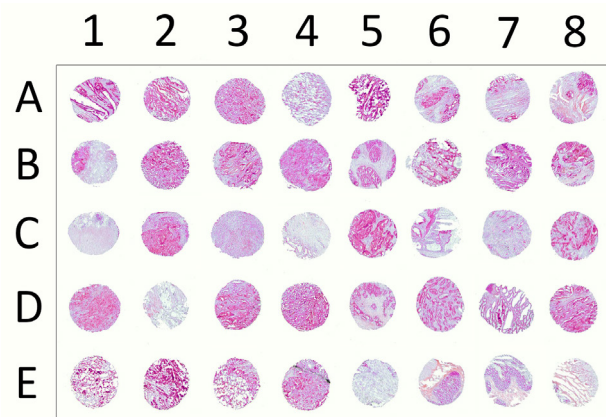
Figure (right): Frozen Tissue Array for colon tumors stained with H&E. 37 separate human colon tumors and 3 normal controls are shown here spotted on glass slide.

Key Features

- Designed according to guidelines by FDA
- Broad range of tissues within each array
- Suitable for both radioactive and non-radioactive detection
- From a variety of human donors
- Better antigen exposure than paraffin embedded tissue

Applications:

- High throughput therapeutic/diagnostic antibody validations
- Gene or protein expression pattern analysis
- Comparison of expression levels of novel genes or proteins
- Use with immunohistochemistry and in situ hybridization



Frozen Tissue Arrays - Human Tumor

Catalog No.	Product	Unit
T6235086	37 Different Breast Tumors and 3 Corresponding Normal Controls	1 slide, 5 slides
T6235090	37 Different Colon Tumors and 3 Corresponding Normal Controls	1 slide, 5 slides
T6235142	37 Different Kidney Tumors and 3 Corresponding Normal Controls	1 slide, 5 slides
T6235152	37 Different Lung Tumors and 3 Corresponding Normal Controls	1 slide, 5 slides
T6235183	37 Different Ovarian Tumors and 3 Corresponding Normal Controls	1 slide, 5 slides
T6235201	24 Different Prostate Tumors and 4 Corresponding Normal Controls	1 slide
T6235700	Human Tumor and Normal Tissue, Multi-tissue I	1 slide, 5 slides

Frozen Tissue Sections - Matched Pairs

Catalog No.	Product	Unit
T6235086-PM	Breast - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235090-PM	Colon - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235142-PM	Kidney - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235149-PM	Liver - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235152-PM	Lung - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235206-PM	Rectum - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235248-PM	Stomach - Human Primary and Matched Metastatic Tumor	5 slides x2
T6235086-PP	Breast - Human Primary Tumor and Normal	5 slides x2
T6235090-PP	Colon - Human Primary Tumor and Normal	5 slides x2
T6235142-PP	Kidney - Human Primary Tumor and Normal	5 slides x2
T6235149-PP	Liver - Human Primary Tumor and Normal	5 slides x2
T6235152-PP	Lung - Human Primary Tumor and Normal	5 slides x2
T6235206-PP	Rectum - Human Primary Tumor and Normal	5 slides x2

Please inquire about our other kits and applications.