

Resource Summary Report

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Aged Rodent Tissue Arrays

RRID:SCR_007332

Type: Tool

Proper Citation

Aged Rodent Tissue Arrays (RRID:SCR_007332)

Resource Information

URL: <http://www.nia.nih.gov/research/dab/aged-rodent-tissue-bank-handbook/tissue-arrays>

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Description: Offer high-throughput analysis of tissue histology and protein expression for the biogerontology research community. Each array is a 4 micron section that includes tissue cores from multiple tissues at multiple ages on one slide. The arrays are made from ethanol-fixed tissue and can be used for all techniques for which conventional tissue sections can be used. Ages are chosen to span the life from young adult to very old age. (available ages: 4, 12, 18, 24 and 28 months of age) Images of H&E stained punches are available for Liver, Cardiac Muscle, and Brain. The NIA aged rodent tissue arrays were developed with assistance from the National Cancer Institute (NCI) Tissue Array Research Program (TARP), led by Dr. Stephen Hewitt, Director. NCI TARP contains more information on tissue array construction, protocols for using arrays, and references. Preparation and Product Description Tissue arrays are prepared in parallel from different sets of animals so that experiments can be conducted in duplicate, with each array using unique animals with a unique product number. The product descriptions page describes each array, including: * Strain * Gender * Ages * Tissues * Animal Identification Numbers

Abbreviations: NIA Tissue Arrays,

Synonyms: Aged Rodent Tissue Bank Handbook - Tissue Arrays, NIH Aged Rodent Tissue Bank Handbook Tissue Arrays

Resource Type: service resource, biomaterial analysis service, production service resource, material analysis service, analysis service resource

Keywords: aged, biogerontology, caloric restricted, rodent, protein expression, tissue array, tissue core, histology, adult, old, old rodent, c57bl/6, male, female, liver, cardiac muscle, brain, tissue, kidney, skin, frontal cortex, muscle, thigh, white adipose tissue, pancreas, testes, prostate, spleen, lung, heart, dwarf, wild type, early adult, middle adult, late adult, microarray, image

Related Condition: Aged, Old, Control, Aging

Funding: NIA ;
NCI ;
NIH Blueprint for Neuroscience Research

Availability: Public: NIA aged rodent tissue arrays are available to investigators at academic and nonprofit research institutions that are engaged in projects directly related to aging and age-related disorders.

Resource Name: Aged Rodent Tissue Arrays

Resource ID: SCR_007332

Alternate IDs: nif-0000-00216

Old URLs:

<http://www.nia.nih.gov/ResearchInformation/ScientificResources/AgedRodentTissueBankHandbook/>

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260729T044147+0000

Ratings and Alerts

No rating or validation information has been found for Aged Rodent Tissue Arrays.

No alerts have been found for Aged Rodent Tissue Arrays.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.