



Quickarrays, Inc

Phone: 415-863-2380

Support: info@quickarrays.com

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Advancing Biomedical Science Through Tissue Arrays

Cat No: **AMS542** – Normal Mouse (KM strain) tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	 
AMS54201	54	1.5mm	4um	6X9	H&E	

Recommended applications: Whole body RNA or protein mouse tissue profiling using IHC or ISH; Antibody characterization.

Description: Mouse tissues of KM strain cover 22 organs/anatomic sites, most of which have triplicates from 3 individual mice.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology
A01	M	2M	Bladder, urinary	Normal
A02	F	2M	Bladder, urinary	Normal
A03	M	2M	Brain	Normal
A04	F	2M	Brain	Normal
A05	M	2M	Brain	Normal
A06	M	2M	Brain, cerebellum	Normal
A07	F	2M	Brain, cerebellum	Normal
A08	M	2M	Brain, cerebellum	Normal
A09	M	2M	Eye	Normal
B01	M	2M	Esophagus	Normal
B02	F	2M	Esophagus	Normal
B03	M	2M	Stomach	Normal
B04	F	2M	Stomach	Normal
B05	M	2M	Stomach	Normal
B06	M	2M	Intestine, small intestine	Normal
B07	F	2M	Intestine, small intestine	Normal
B08	M	2M	Intestine	Normal
B09	F	2M	Intestine	Normal
C01	M	2M	Heart	Normal
C02	F	2M	Heart	Normal
C03	M	2M	Heart	Normal
C04	M	2M	Kidney	Normal
C05	F	2M	Kidney	Normal
C06	M	2M	Kidney	Normal
C07	M	2M	Liver	Normal
C08	F	2M	Liver	Normal
C09	M	2M	Liver	Normal
D01	M	2M	Lung	Normal
D02	F	2M	Lung	Normal
D03	M	2M	Lung	Normal
D04	F	2M	Ovary	Normal
D05	F	2M	Uterus	Normal
D06	F	2M	Uterus	Normal
D07	M	2M	Pancreas	Normal
D08	F	2M	Pancreas	Normal
D09	M	2M	Pancreas	Normal
E01	M	2M	Prostate	Normal
E02	M	2M	Prostate	Normal
E03	M	2M	Head and neck, salivary gland	Normal



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E04	F	2M	Head and neck, salivary gland	Normal
E05	M	2M	Head and neck, salivary gland	Normal
E06	M	2M	Skin	Normal
E07	F	2M	Skin	Normal
E08	M	2M	Skin	Normal
E09	M	2M	Spleen	Normal
F01	F	2M	Spleen	Normal
F02	M	2M	Spleen	Normal
F03	M	2M	Skeletal muscle	Normal
F04	F	2M	Skeletal muscle	Normal
F05	M	2M	Skeletal muscle	Normal
F06	M	2M	Testis	Normal
F07	M	2M	Testis	Normal
F08	M	2M	Thymus	Normal
F09	F	2M	Thymus	Normal

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer.

Certified by: Langxing Pan, M.D., Ph.D.