



Cat No: **AMS541 – Normal Mouse tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC		
AMS54101	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 cover 22 organs/anatomic sites, most of which have triplicates from 3 individual mice. The tissues 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. Because of small sizes of mouse organs, there may be >5% tissue core losses. But the core retention rate should be >90%.

Array position	Sex(es)	Age(s) Month	Anatomic site	Histology
A1,2	M,F	3,3	Bladder	Normal
A3,4,5	M,F,M	3,3,3	Brain	Normal
A6,7,8	M,F,M	3,3,3	Cerebellum	Normal
A9	F	3	Eye	Normal
B1,2	M,F	3,3	Di-Esophagus	Normal
B3,4,5	M,F,M	3,3,3	Di-Stomach	Normal
B6,7,	M,F	3,3	Di-Small intestine	Normal
B8,9	M,F	3,3	Di-Colon	Normal
C1,2,3	M,F,M	3,3,3	Heart	Normal
C4,5,6	M,F,M	3,3,3	Kidney	Normal
C7,8,9	M,F,M	3,3,3	Liver	Normal
D1,2,3	M,F,M	3,3,3	Lung	Normal
D4	F	3	Ovary	Normal
D5,6	F,F	3,3	Uterus	Normal
D7,8,9	M,F,M	3,3,3	Pancreas	Normal
E1,2	M,M	3,3	Prostate	Normal
E3,4,5	M,F,M	3,3,3	Salivary gland	Normal
E6,7,8	M,F,M	3,3,3	Skin	Normal
E9,F1,2	M,F,M	3,3,3	Spleen	Normal
F3,4,5	M,M,F	3,3,3	Striated muscle	Normal
F6,7	M,M	3,3	Testis	Normal
F8,9	M,F	3,3	Thymus	Normal

**Notes:** Bake at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

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