



Cat No: CVD481 – Cardiovascular disease tissue array

Lot#	Core S	Size	Cut	Format	QA/QC		
CVD48101	48	2mm	4um	6X8	H&E, IHC anti-CD34		

Recommended applications: For research use only. RNA or protein tissue profiling using IHC or ISH suitable for blood vessel or endothelial cell related studies.

Description: Cardiovascular disease tissue array, non-overlapping with CVD231, 24 cases of normal, reactive and neoplastic cardiovascular tissues in duplicates. Designed for blood vessel or endothelial cell related studies. Majority of the tissues were from surgical resection. Those highlighted by "*" were from autopsy. 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment.

Array position	Age	Sex	Anatomic site	Pathology	Images
A1,B1	52	M	Main artery	Normal*	
A2,B2	69	M	Main artery	Atherosclerosis*	
A3,B3	35	M	Main artery	Aneurysm*	
A4,B4	46	F	Carotid artery	Carotid body paraganglioma	
A5,B5	53	F	Spleen artery	Hypertension arteries*	
A6,B6	36	F	Veil	Normal	
A7,B7	20	M	Veil	Varicose vein	
A8,B8	45	F	Leg vein	Vasculitis	
C1,D1	55	M	Testis	Granulation tissue	
C2,D2	58	M	Skin	Granulation tissue - ulcer	
C3,D3	21	F	Abdomen wall	Hemangiopericytoma	
C4,D4	36	F	Atrium	Normal*	
C5,D5	35	M	Atrium	Myxoma	
C6,D6	58	M	Heart	Normal myocardium*	
C7,D7	46	M	Heart	Normal myocardium*	
C8,D8	49	F	Heart	Rheumatic mitral valvulitis	
E1,F1	42	F	Heart	Rheumatic mitral valvulitis	
E2,F2	66	M	Heart	Pericardial malignant tumor	
E3,F3	57	F	Skin	Hemangioma	
E4,F4	58	M	Liver	Hemangioma	
E5,F5	14	M	Nasal cavity	Angioleiomyoma	
E6,F6	31	F	Placenta	Normal	
E7,F7	31	F	Umbilical cord	Normal	
E8,F8	52	M	Spleen	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.