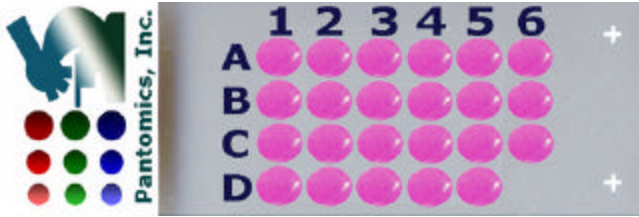


Cat No: CVD231 – Cardiovascular disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
CVD23101	23	2.5mm	4um	4X6	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: 23 cases of normal, reactive and neoplastic cardiovascular conditions. 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	Pathology	Anatomic site
A1	16	M	Aneurysm	Artery*
A2	40	F	Angioleiomyoma	Kidney
A3	16	M	Aorta - normal	Aorta*
A4	46	M	Atherosclerosis	Main artery
A5	70	M	Granulation tissue - ulcer	Stomach
A6	46	M	Heart - normal myocardium	Heart*
B1	46	M	Heart - normal atrium	Heart*
B2	40	F	Hemangioma	Liver
B3	7/12	F	Hemangioma	Kidney
B4	20	M	Hemangioma	Nasocavity
B5	10/12	M	Hemangioma	Skin
B6	54	F	Hemangioma	Spleen
C1	36	M	Hypertension arteries	Spleen
C2	2	F	Lymph node - reactive	Lymph node
C3	48	M	Myxoma	Left atrium
C4	66	M	Pericardial malignant tumor	Pericardium
C5	-	-	Placenta	Placenta
C6	32	F	Rheumatic mitral valvulitis	Heart
D1	30	M	Spleen - normal	Spleen
D2	48	M	Thrombosis	Vein
D3	-	-	Umbilical cord	Umbilical cord
D4	45	F	Varicose vein	Leg
D5	16	M	Vein - normal	Large vein

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.